



COMPANY PROFILE

BAP IT JSC

<https://bap-software.net/>



Pioneering Blockchain Innovation in Vietnam & Japan



Overview

BAP, established in 2016, is a rapidly growing company dedicated to prioritizing our clients' needs above all else, delivering innovative products tailored to exceed expectations.

Name	BAP IT JSC
Established	1st Mar , 2016
Headquarter	BAP Building 180-182-184 Nguyen Tri Phuong, Chinh Gian, Thanh Khe District, Da Nang
Website	https://bap-software.net/
Email	sales@bap.jp

YOE	Clients	Projects	Employesss
7+	100+	220+	500+

Table of Contents

01 Overview

02 Awards &
Certificates

03 Why
Choose BAP

04 Our Value
Proposition

05 Global
Presence &
Industry

06 Our Services
& Workflow

07 Software
Development

08 Resources

09 Project
Organization

10 Development
Methodologies

11 Development
Structure

12 Contract
Types

13 Clients

14 Highlight
Case Studies

15 Clients
Voices

16 Life at
BAP

Awards & Certificates

2016

Company Establishment in Danang, Vietnam
Opened new office in Tokyo, Japan

2020

SME100 - Top fast moving companies
Certified by ISO 27001 on Information Security
Top 10 Vietnam ICT Company 2020
Vietnam's Top 20 Golden Brands 2020 in Product Quality Category
Established Ho Chi Minh branch

2023

Formed a partnership with DatumX in California, USA
Establishment of BAP Korea office

2019

Became a member of Vietnam Software Association (VINASA)
Certified by ISO 9001:2015 on Quality Management System
Established Hue branch
Opened new office in Osaka, Japan

2022

Re-evaluated ISO 9001:2015 Certificate on Quality Management System
Renew ISO 27001:2013 Certificate on Information Security
Established Ha Noi branch



Why Choose BAP?

People

Our team brings over 8 years of worldwide experience across Japan, Korea, Australia, Singapore, the U.S..., delivering end-to-end system development solutions.

Product

Guided by Omotenashi and Kodawari spirits, we seamlessly navigate from consultancy to operations. Leveraging our extensive product development experience, BAP offers highly effective consulting services.



Technology

We leverage cutting-edge tech to boost performance, broaden capabilities, and optimize budgets for clients.

Business Scale

With over 500 engineers across 7 cities, certified in ISO 9001 and ISO 27001. Recognized as Vietnam's Top 20 Golden Brands 2020 for Product Quality and Top 10 ICT companies 2020, 2021 (revenue, AI, Blockchain).

Our Value Proposition

More than just a solution provider; **we're your trusted consultants** who deeply understand your business needs and goals, delivering tailored technology solutions and providing values that **ensure sustainable growth for your organization.**



Comprehensive Developer Resources

Team's size can be adjusted to suit project requirements.

Accessible for small-scale trial implementations.



Cost-Efficiency

Japan oversees upstream processes, while Vietnam handles development.

Cost per productivity decreases by around 50% compared to the average Japanese SES.



High-Quality Product Offerings

Validation of deliverables by knowledgeable technical and consulting professionals.

Implementation of automated testing allows for rapid testing execution, minimizing human errors.



Extensive Track Record

Consultation, design, development, and operational support for five cryptocurrency exchanges.

Global Presence & Industry



○ Japan

Tokyo
Osaka

○ Korea

Seongnam

○ Vietnam

Ha Noi
Ho Chi Minh
Da Nang
Hue

○ The U.S

California

Industry expertise

 HRM/CRM/ERP

 E-Commerce

 Fintech

 Agritech

 Mobility

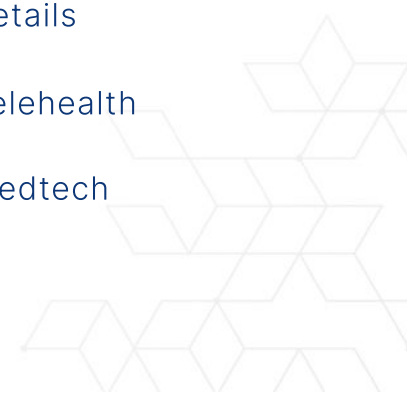
 Edutech

 Logistic

 Retails

 Telehealth

 Medtech



Our Services



Consultant



Analyze



Design



Develop



Operate

Our Workflow

BAP gives top priority to understand and carefully analyze the specific business models, plans, and ideas of each client.

After precisely outlining the client's requirements, we craft a draft to visualize the software design and development process accurately.

We adopt a holistic approach to infrastructure, system, and UI/UX design, ensuring alignment with our clients' precise needs.

01

Client's Requirements

02

Service Blueprint

03

Project Design

04

Project Development

05

Testing

06

Release

Proceed to develop the software backend and functionality, ensuring a robust foundation for the final product.

Software undergoes rigorous testing to ensure bug-free functionality, with each module meticulously examined through multiple testing stages.

Monitor performance, collect metrics, gather stakeholder/ users feedback, continuously improve technologies and processes wherever possible.

Blockchain

- Copyright Protection System
- Energy Management
- P2P Trading
- Blockchain Payment System
- Wallet Development
- Cryptocurrency Exchange
- NFT Marketplace
- Trading System
- Custom Blockchain Development
- P2E Game Development

AI - IoT

- Big Data
- Computer Vision
- Machine Learning
- Image Processing
- Natural Language Processing
- Data Mining
- Mobile App for IoT
- Smart Energy Management

System Development

- Outsystem Development
- Cloud System
- Core System
- LMS
- EC - Reservation Web
- Financial System

Web Development

- Custom Website Development
- Web Based Business & Workflow
- E-commerce/Trading System
- Logistic Management
- Real Estate Management
- E-Learning
- VR Meeting

Mobile Development

- Native App Development
- Hybrid App Development
- Livestream App
- C2C App
- SNS App
- Matching App
- Payment Integration
- Logistic Management
- Games

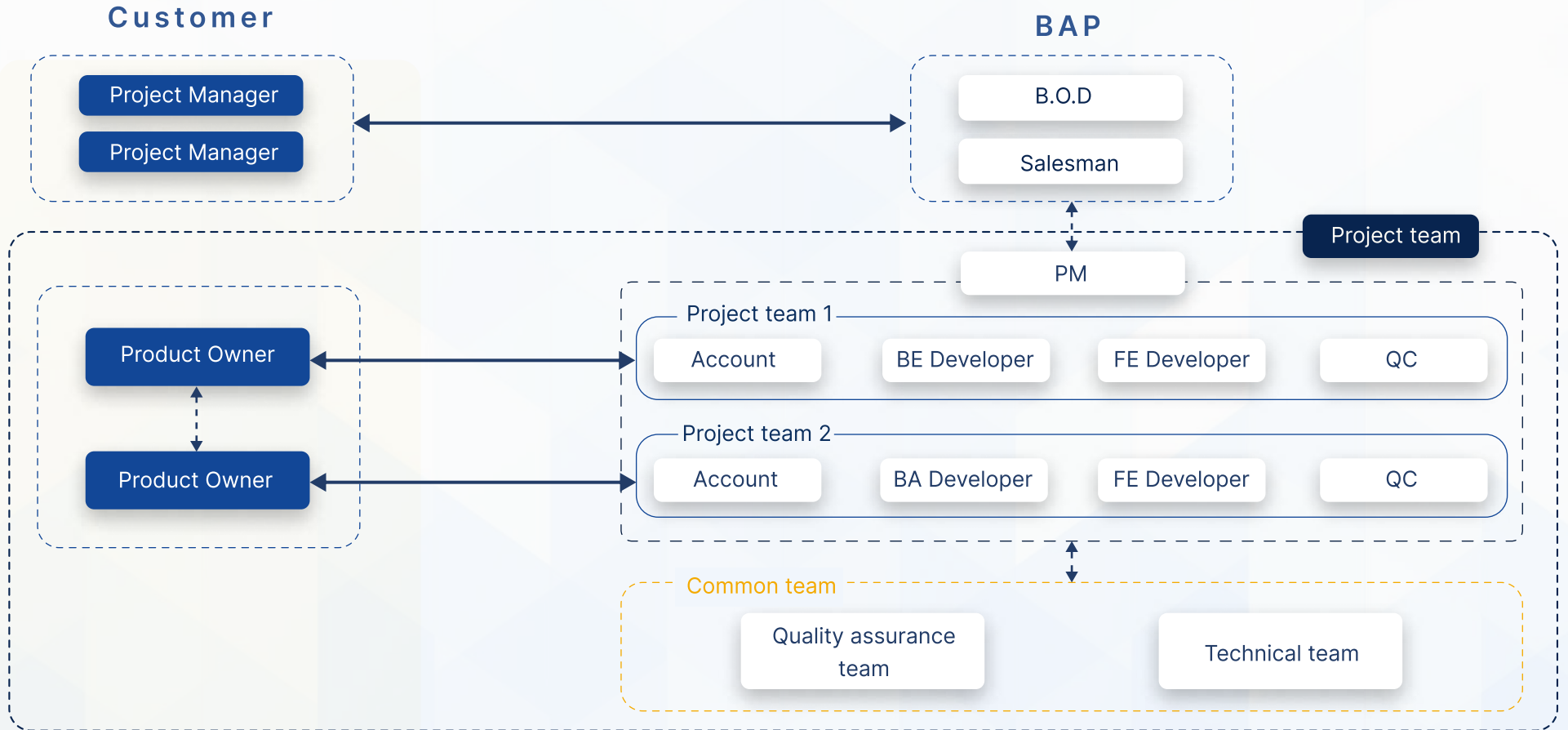
SAP - ERP

- SAP Implementation
- SAP Maintenance
- SAP Master Data
- SAP FI Module
- SAP LE Module
- ERP Development

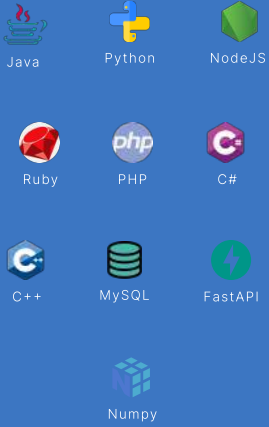
Salesforce

- Hubspot to Salesforce integration
- Recruitment Operation
- Telecommunication System

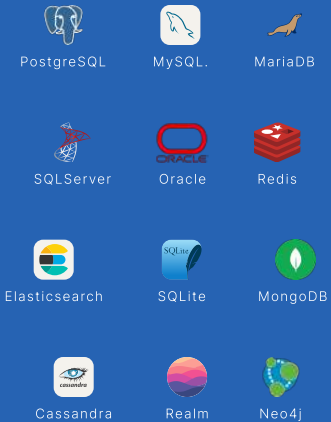
Project Organization



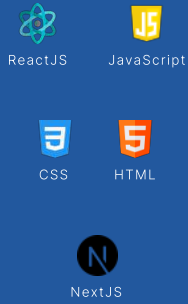
Back-end



Database



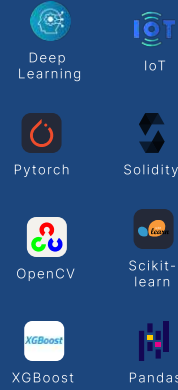
Front-end



Mobile



Blockchain AI/IoT



Platform



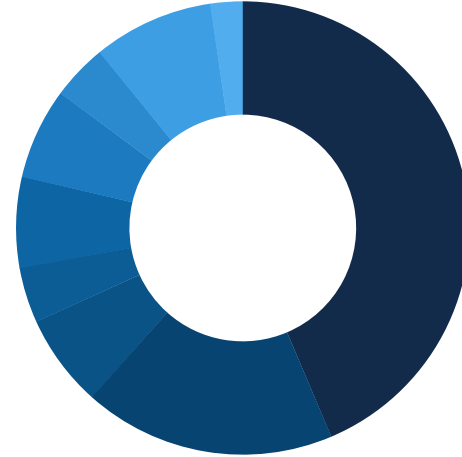
Cloud



Game



Resources



- 200+ Web Developers
- 80+ Mobile Developers
- 30+ ERP/SI
- 20+ AI Developers
- 30+ Blockchain Developers
- 30+ VR/AR Developers
- 20+ UI/UX Designers
- 40+ QA/QC
- 10+ Architect Solution

Seniority

Middle 3years+, senior 5 year+, expert-SA-TL 7years+

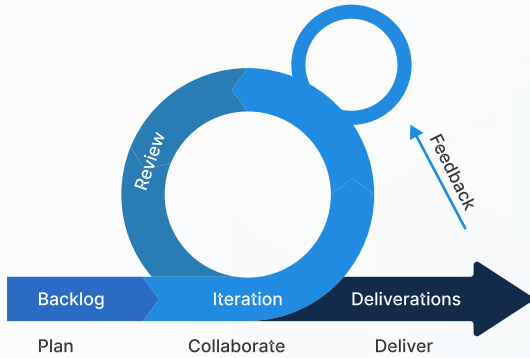
Tenure

03 months - 06 months

Bench Size

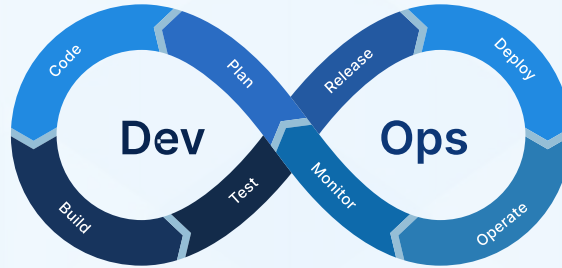
10% - 15%

Development Methodologies



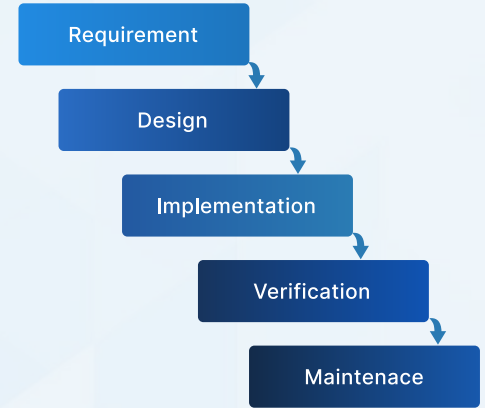
Agile Development

- Mitigates budget risks
- Enhances product-market fit
- Boosts stakeholder collaboration
- Expedites time-to-market
- Delivers more value in less time



DevOps Development

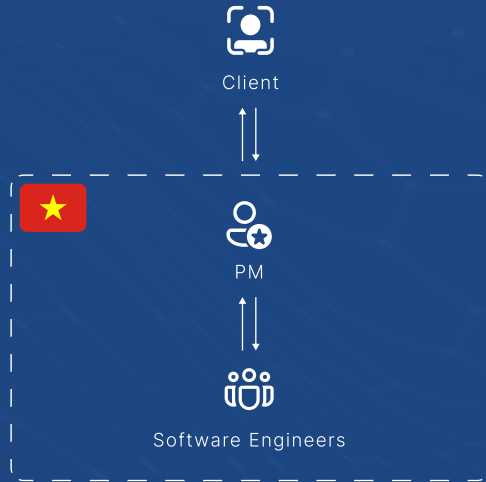
- Foster collaboration and trust
- Streamline releases and work intelligently
- Speed up time-to-resolution
- Effectively handle unplanned work



Waterfall Development

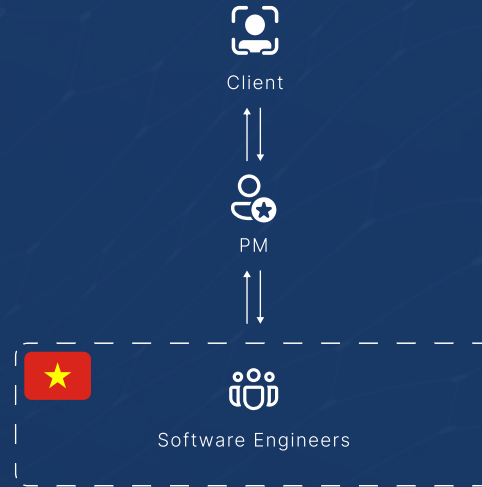
- Clear structure from the outset
- Early determination of end goals
- Issues addressed during the design stage
- Achievement of crystal-clear outcomes
- No unexpected financial surprises

Offshore



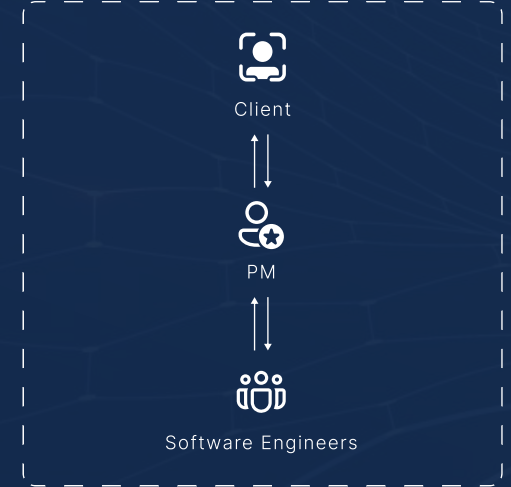
- Cost-effective due to lower labor costs, resulting in overall savings.
- Access to a global talent pool with specialized skills.
- Time zone advantages that lead to faster project completion.

Hybird



- Local presence enhances communication.
- Flexibility in resource allocation and project management.
- Reduces the risk of dependency on a single location or team.

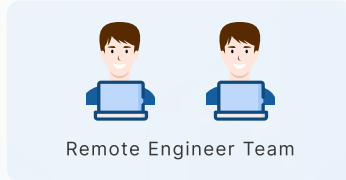
Onsite



- Close collaboration facilitates better communication between team members and stakeholders.
- Immediate support leads to faster problem resolution and decision-making.
- Cultural alignment fosters a deep understanding of working cultural and business practices, enhancing teamwork and productivity.

Contract Types

ODC Contract

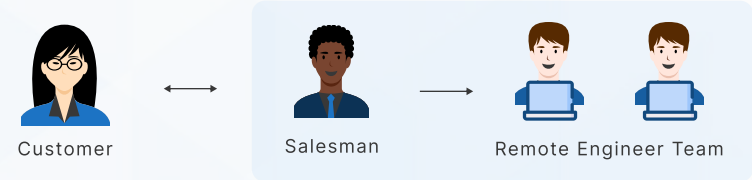


We offer dedicated resources for our customers, with assigned engineers who work under the customer's instructions.

Benefits

- Convenient access to dedicated engineering resources.
- Simplified cost management through fixed monthly-fee contracts.
- Seamless accumulation of development team knowledge and expertise.

Fixed-price Contract



Best practices for projects with clearly defined architecture design.

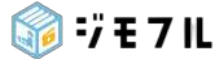
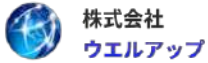
Benefits

- We offer tailored resources with the necessary skills as specified by our clients.
- Fixed-price contract with divided payment term according to deliverable timelines.
- Low-risk, no long-term commitment, and cost-effective solutions.

BAP's Commitment

- We accept projects of any duration, even as short as one man-month.
- We guarantee skilled and experienced resources.
- We prioritize cost efficiency with talented yet affordable resources.

Clients



Highlight Case Studies

- SAAS
- AI
- Blockchain
- Others



SAAS Case Studies

Kintai - Human Resources Management System

Pain points

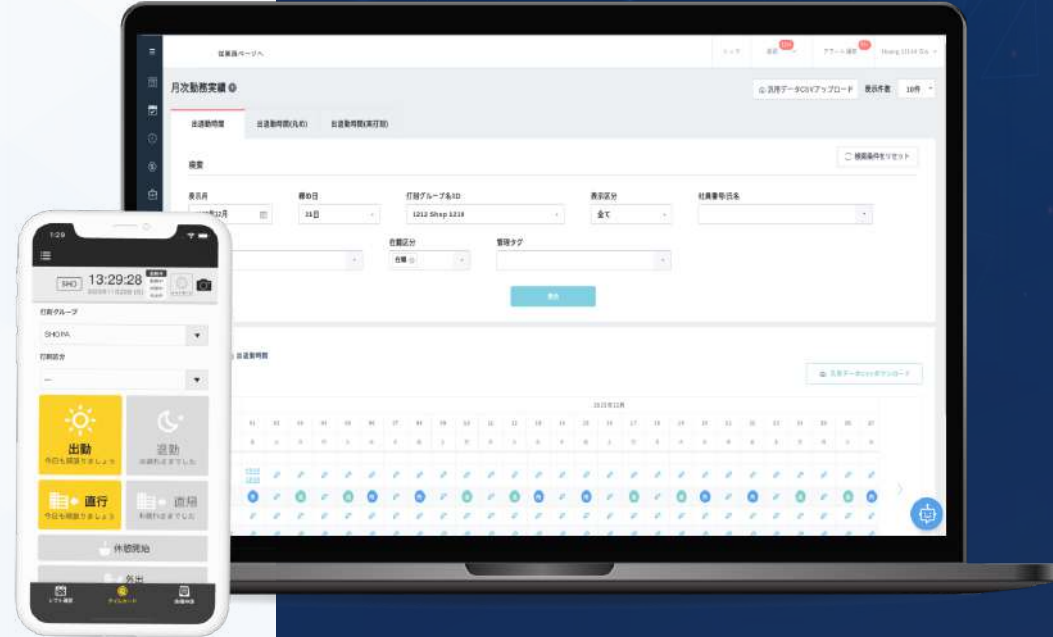
- A consulting firm with hundreds of experts must efficiently manage projects, performance, and up-to-date reviews of their staff and partners.
- Flexibility is key to adapt to the continuously changing project landscape and project managers.
- The new system must seamlessly connect and integrate data with the existing user system.

Solutions

- Developing a flexible flow and role management mechanism tailored to the company's evolving needs, accelerating control over human resource processes.
- Supports multiple timekeeping methods across various devices (web, app, Chatwork, Slack, PIT Touch), simplifying leave requests and schedules with visual displays.

Outcome:

- User registration and trial usage surged from 5,000 to 20,000 monthly.
- Boosting work productivity by up to 30%



Technology stack



Development of automatic contract review tool

Pain points

- Spending excessive time drafting and reviewing contracts.
- Limited access to development resources and lacking experience in offshore development.
- Domestic staff recruitment was challenging, leading to escalating costs.

Solutions

- Our AI-powered instant item display serves as a solution by revolutionizing efficiency through the standardization of quality with uniform standards.
- Offering automatic review, clause search, and knowledge sharing features, it serves as a comprehensive solution for streamlining legal department operations.
- Proposing a trial phase with five team members per month, we gradually scale up to accommodate 25 members monthly

Outcome:

- Over 90% saw improved quality, with over 98% noting time saved
- 30% reducing contract review time by an impressive.
- Secured and successfully implemented offshore development



Technology stack



Armeria



Java



Storybook



ArgoCD



Jotail



GKE



gRPC



TypeScript



React.js



MSW



Github release



Github workflow

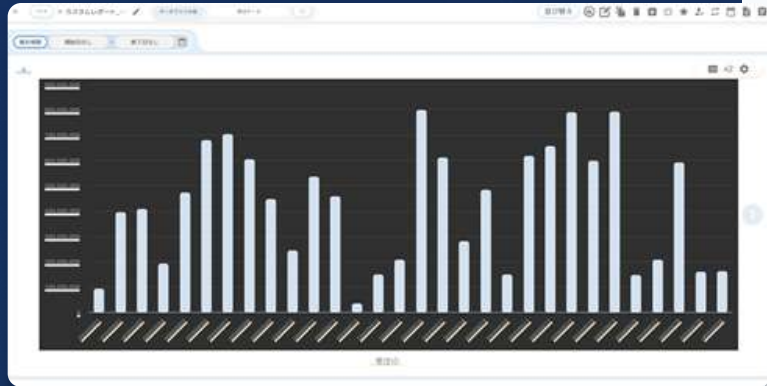


React Query



PostgreSQL

SAAS Case Studies



Technology stack



Ruby



AWS



jQuery



MongoDB



CSS



HTML



Vue.js

Data marketing tool development

Pain points

- Encountered three barriers: implementation, operation, and design, despite a no-code approach.
- Struggled to reallocate internal development resources from existing projects to new ventures due to capacity constraints.
- Faced challenges with high costs of domestic SES

Solutions

- Implemented a no-code approach for easy data foundation building, enabling independent work for marketers and relieving engineer resource constraints.
- Integrated all-in-one functionality, including MA, BI, web personalization, and CDP among 16 other features, reducing costs and enabling streamlined operation with a small team.
- Offered initial setup support during implementation, leveraging campaign analysis data to drastically cut down time spent on requirements definition.

Outcome:

- Successfully leverages internal resources for driving new business initiatives.
- Achieved engineer productivity on par with domestic SES.
- Significantly reduced costs, almost halving expenses.
- Increased overall productivity.

AI Case Studies

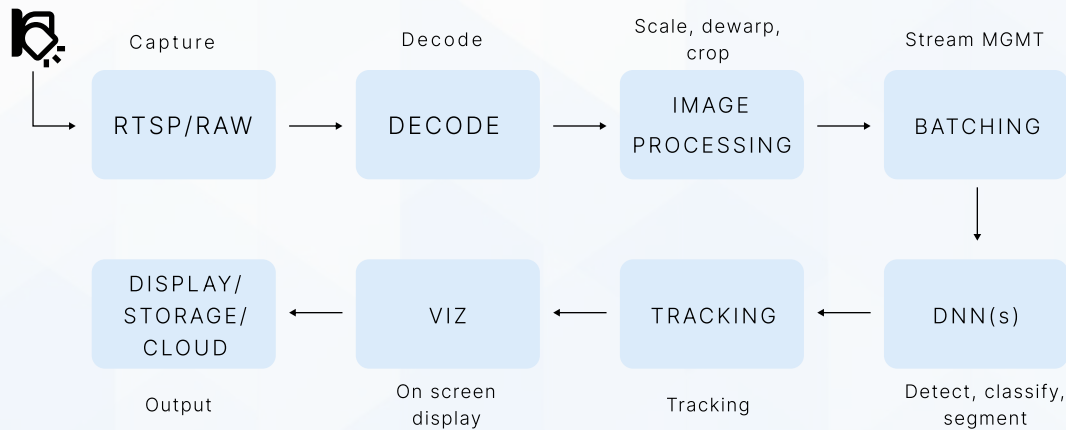
Track record in detecting dogs and cats

Overview

Given that dogs and cats are now permitted in luxury apartments in Vietnam, operators seek to install surveillance cameras for detecting unaccompanied pets.

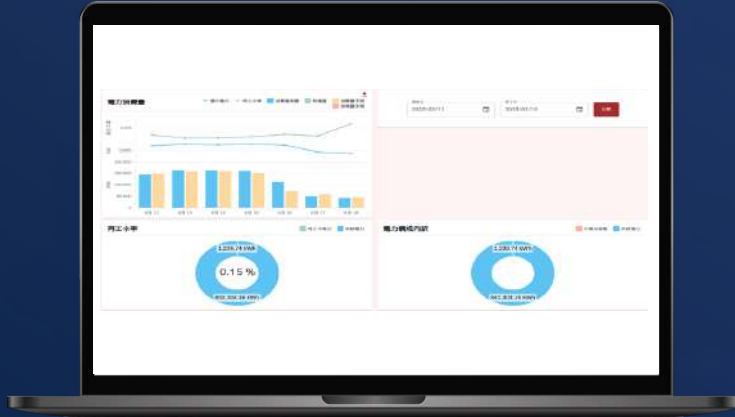
Solutions

We developed Yolov5 using the following steps:



Performed in real-time on NVIDIA Jetson Xavier with precision and recall rates exceeding 90%.

AI Case Studies

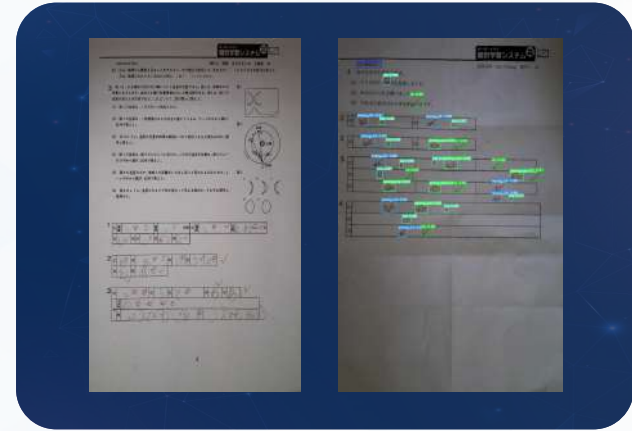


Power consumption prediction

Predict the power consumption of multiple sites using historical data and weather information, with:

- Over 10 million records available.
- Involving 15 data elements, including weather conditions, humidity, temperature, power values, and holidays.

Technology stack



Automated scoring applications

The app processes answer sheets using image processing and YOLOv5 object detection to identify ticks and crosses in answer boxes. It also extracts student and exam codes for retrieving student information.

Technology stack



AI Case Studies

Challenges

- Having limited access to PDF question files without being able to analyze each question in detail.
- The ability to combine questions from different categories in order to customize topics, a functionality currently unavailable.

Solutions

- Parse the PDF file into HTML, generating distinct parts such as question content, answer boxes for student responses, and result comparison boxes.
- Allow the components of a topic to be dissected into distinct questions, helping tailor the topic for specific purposes.

Highlight functions

- Provide database storage with the ability to process PDF files.
- Enhance the ability of teachers to monitor the progress of their students.
- Integrate the new system seamlessly with the customer's existing infrastructure to ensure minimal impact.
- Enable teachers to register custom lessons or to use pre-made templates for student learning.
- In the case of in-class activities, give students the option of printing out questions on paper, completing them, and inputting their results into the program.

Automated Student Question Creation



Technology stack



React



Python



Java

Blockchain Case Studies

Virtual currency exchange

Highlight

- BAP's SMART TRADING platform facilitates cryptocurrency trading, supporting major coins like Bitcoin, Ethereum, Ripple, and ERC20 tokens.
- Implementing KYC identification and anti-money laundering features, we prioritize security with technologies like cold wallets, multi-signature wallets, and TFA, widely adopted by leading cryptocurrency firms.

Development format: Lab

Publication destination: Web

Technology stack



Java



Ruby



NodeJS



Python



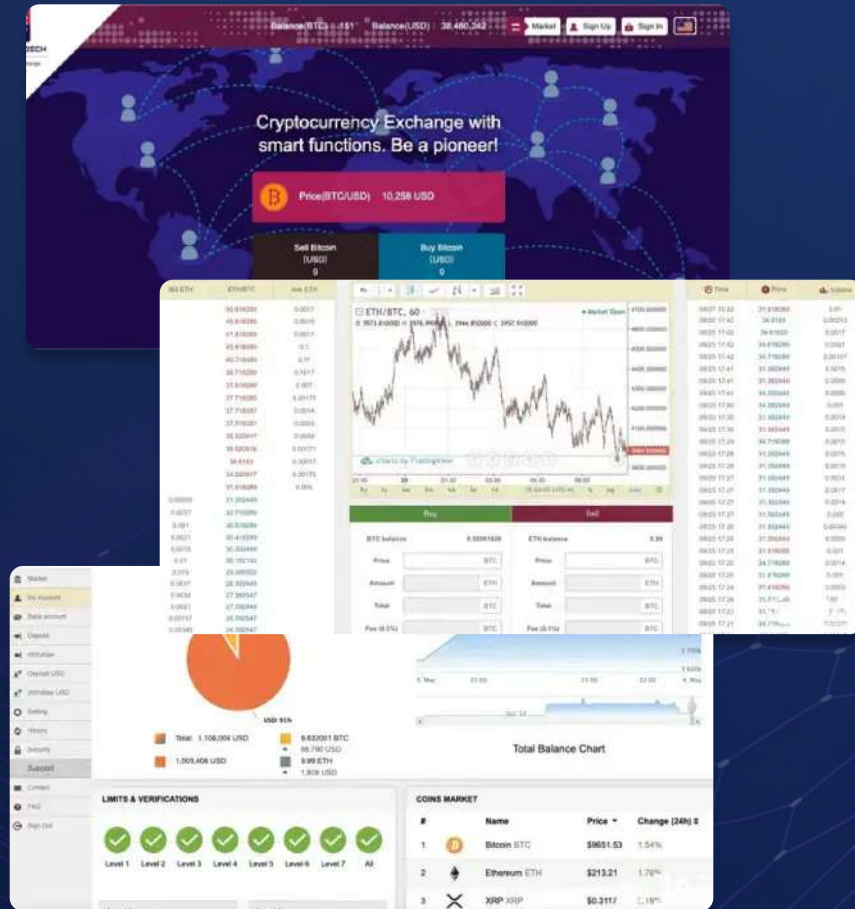
React



AWS



Solidity



Blockchain Case Studies

NFT Game - DEFI WARRIOR

DeFi Warrior is one of the highlight achievements developed by BAP team in response to customer needs for an NFT game. In-game assets like characters and items are NFTs, allowing players to trade them for profit. Developers introduce rare items to the market, causing value fluctuations as players engage in buying and selling these assets.

Highlight functions

Monetize the game by creating unique items that can be used interchangeably across multiple game modes. These items persist even after the game ends, making cheating difficult.

Development format: Contract

Publication destination: Web - App

Link: <https://defiwarrior.io/>

Technology stack



Java



NodeJS



NFT



AWS



Blockchain



Blockchain Case Studies

META-LAND Metaverse for City Land

At MetaverseLand, players can trade virtual currency by selling NFT condominiums, operating commercial video advertisements, and tipping coins.

Real estate, avatar costumes, and other assets are managed on the Blockchain as NFTs, with tokens serving as currency within the virtual world.

Highlight technology

- VR technology
- 3D environment modeling technology
- Engineering computing technology
- Reliable and stable backend infrastructure
- Blockchain technology
- Game development technology



Highlight Case Studies

Empowering Factory Data Entry with Zero Code Model

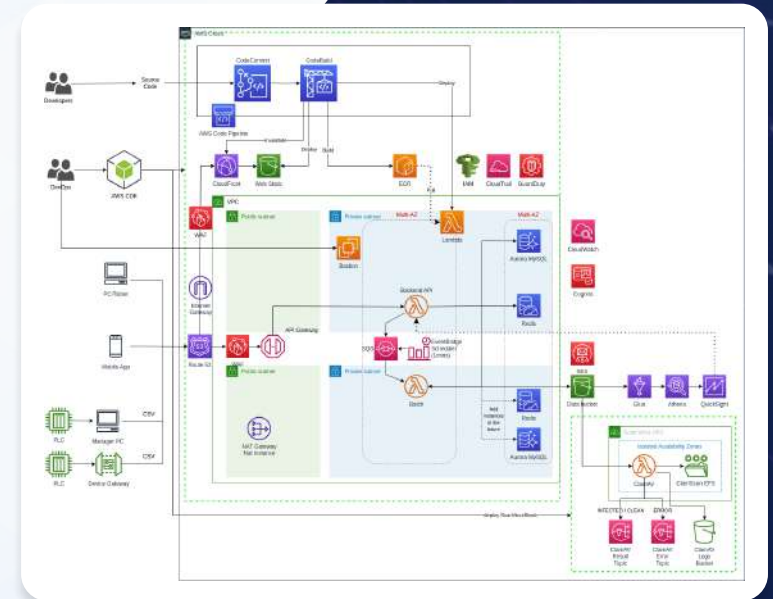
A system delivers tailored solutions for seamless data integration and management across diverse factory structures.

Challenges

- Building a secure system to integrate varied data from multiple factories.
- Enabling manual data entry via App (mobile/tablet/PC) and automated data reception from machines.
- Ensuring high stability for continuous data updates, even if the Internet connection is intermittent during app data entry.
- Flexible data visualization, adapting to different data and chart structures across various factories.
- Meeting high customization needs as per individual factory requirements.

Solutions

- Segregating factory data into a multi-tenant format for enhanced security and isolation.
- Employing AWS Lambda to prevent web server resource issues.
- Designing a monitoring system for infrastructural resources to preemptively address potential problems.
- Leveraging AWS Glue, Athena, and QuickSight for efficient data management and visualization.
- Utilizing AWS cloud services with auto-scaling capabilities for optimized performance and resource management.



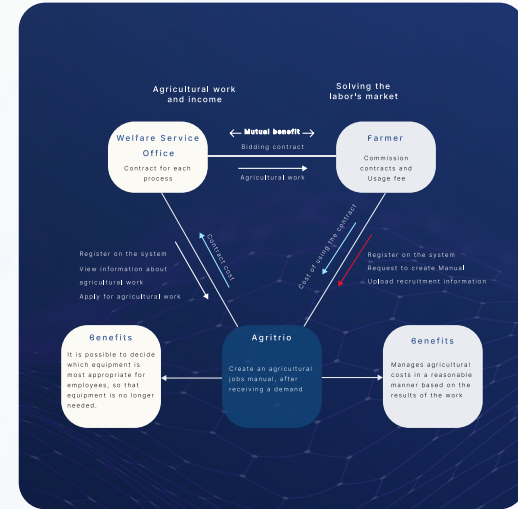
Highlight Case Studies



Auto Parts Manufacturer Platform

Build a platform that connects systems and creates software for digital keys to multiply quality and speed by 1.5

- ✓ Automate deployments with AWS CodePipeline, CodeBuild (CI/CD), and AzureDevops.
- ✓ Increase security by replacing DNP DK / PF Server with IoST Server with its proprietary encryption algorithm.
- ✓ Develop Agile development flow instead of Waterfall model.
- ✓ Optimize and improve the monitoring of AWS systems.



Job Matching Platform in Agriculture sector

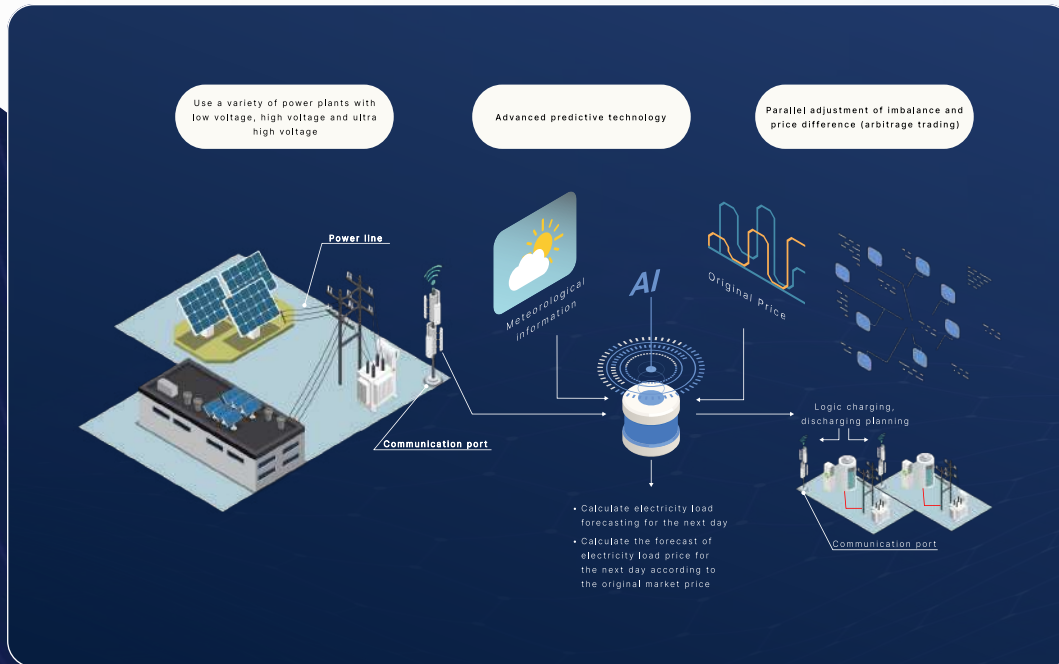
Build a system for part-time job matching in agriculture.

- ✓ Work in both web-based and mobile
- ✓ UI/UX optimization facilitates low-tech users in using the platform
- ✓ Flutter has been used to shorten developing time for both iOS & Android

Highlight Case Studies

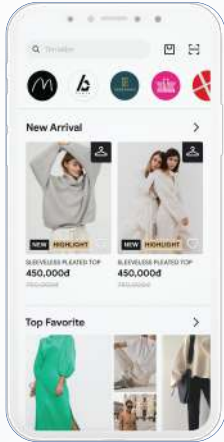
Virtual Power Plant System

A virtual power plant system that connects all devices to provide real-time monitoring.



- ✓ Flexible control & monitor system through web-based interface for both administrators and users.
- ✓ Blockchain technology has been used to provide a secure and transparent platform for all transactions and data, ensuring the integrity and reliability of the system.
- ✓ AI has been used to predict the electricity consumption for power supply optimization.
- ✓ All user's data is monitored and analyzed real-time.

Highlight Case Studies



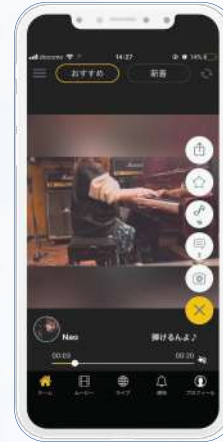
Smart Fashion

A virtual fitting room using AI to help users try clothes on in a few seconds.



Coin FieldMANA

A virtual currency management app allows users to access exchanges, manage their cryptocurrencies and trade easily with chart and graph display.



Livestream App

A livestream platform allows users to create, edit videos, stream in real time and follow others. The paid function is also built for specific items.



Sake E-commerce site

An E-commerce site for buying and selling alcoholic drinks using AI technology to identify wine bottle labels.

Highlight Case Studies



Bemo Cloud

An ERP package provides a comprehensive technology solutions to support the digital transformation and sustainable development of enterprises.



E-learning website

A E-learning website for elementary and high school students using AI to suggest lessons and grade automatically.



NFT Trading platform

A NFT trading platform for popular anime built on Ethereum Blockchain network and connected to Metamask wallet.



Foretold Website

A platform connecting customers and fortune tellers via chatting or video call.

Client Voices



MR. SUGIMOTO - Deputy Manager, IXIT Group

Productivity is always higher than required, that's why we choose BAP.

"I have been working with BAP for about two years. The reason I continue to choose BAP is that their performance is always higher than I require. The development team of BAP will proactively find bugs and make suggestions for better services. I consider BAP as part of the team, not a partner. I highly recommend BAP to you."



MR. OGAWA - Assistant Manager of NTT DATA NJK

Only BAP provided me with great comtor and a very responsive team.

"I think BAP's strength is productivity. Most members make their efforts and quickly handle work to their partners. BAP always comes up with quick design ideas based on requirements and they have a dedicated team of product testing experts who perform their own internal testing process. However, there are some points in customer request analysis and confirmation should be improved. Overall, BAP is a reliable partner so we expect further development and improvement on the above challenges."

Life at BAP



Let's

BE

ADVANCED

PARTNER

Get in touch with us!



Phone

Da Nang (+84) (236) 6565 115

Hue (+84) (234) 6273 555

Ho Chi Minh (+84) (286) 2701 557

Ha Noi (+84) 986 241 041

Japan (+81) 03 6280 4268

Korea (+82)10 9323 8279



Email

sales@bap.jp



Website

Bap-software.net

Bap.jp

Bap-blockchain.com

Bap-solutions.com

