

# RAHADYAN WIDHI SAKTYAJI

## SR. FULLSTACK DEVELOPER

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### SUMMARY

Software Engineer with 8+ years of experience developing Web Applications, SaaS, and Enterprise systems for both internal and international clients. Proficient in scalable monolithic and microservices architectures, with a proven record in the Finance and Healthcare sectors.

### PROFESSIONAL EXPERIENCE (Senior Level)

#### PT. Kode Kolektif Indonesia

Sr. Fullstack Developer (Apr 2025 - Oct 2025)

Initially focused on developing the internal Payment Gateway, and subsequently transitioned to a full-time assignment for a Core Banking client project.

#### Client Assignments:

- Designed and implemented microservices-based RESTful APIs for core authentication, reporting and KYC systems on a **Core Banking** using Java Spring Boot, NestJs and Oracle.
- Integrated RSA SecurID soft token for secure multi-factor authentication in banking platform, ensuring compliance with OJK and PCI-DSS standards.
- Refactored complex joins and subqueries in reporting modules to enhance execution efficiency and minimize server load.
- Implemented an LLM-powered IDP workflow to automate customer document extraction, validation, and compliance verification.

**Tech stack:** Java Springboot, NestJs, React, Tailwindcss, Oracle, PostgreSQL, Redis, Docker, Git, Swagger, Scrum

#### Internal Projects:

- Engineered the full-stack solution for a core Admin & Configuration Module in a **Payment Gateway**, developing the REST APIs (Java Spring Boot, NestJs) and the frontend UI (Vue.js).
- Implemented an LLM-powered IDP workflow to automate bank account document extraction, validation, and compliance verification.

**Tech stack:** Java Springboot, NestJs, Vue.js, Shadcn, PostgreSQL, Redis, Docker, Git, Swagger, Scrum

#### Sumber Mina Bahari

Fullstack Developer (Jun 2024 - Dec 2024)

- Engineered full-stack solutions for core internal modules in a **Logistics System**, building the Laravel-PostgreSQL backend and responsive Vue.js frontend, while collaborating with mobile engineers to deliver and integrate REST APIs for HRIS features such as attendance and leave requests.

**Tech stack:** Laravel, PostgreSQL, Queue, Git, Swagger, Scrum

#### Mitrais

Sr. Fullstack Developer (Jul 2018 - Apr 2024)

Responsible for developing internal projects and full-time client assignments across various industries, including Fintech and Healthtech.

## **Client Assignments:**

- **8common**, Backend Developer
  - Improved application stability for the **Expense Management System** by upgrading Java libraries, removing deprecated dependencies, and validating all functional impacts through comprehensive JUnit testing.

**Tech stack:** Laravel, PostgreSQL, Queue, Git, Swagger, Scrum

- **DKatalis**, Backend Developer
  - Contributed to migrating a legacy **Core Banking System** to a microservices architecture, implementing services using a polyglot stack (Java Spring Boot, NestJS) with PostgreSQL and MongoDB databases.
  - Developed new features and enhancements for the Account Management and Third-Party Payment Integration (e.g., Artajasa, Xlink) modules.

**Tech stack:** Java Springboot, NestJS, PostgreSQL, MongoDB, Redis, Docker, Git, Swagger, Scrum

- Medirecords, Backend Developer
  - Developed and maintained Core Healthcare modules (including billing and claims) using Java Spring Boot, PostgreSQL, and Redis, supporting a system used by 1,000+ users.
  - Implemented and enforced strict code quality standards, consistently achieving over 80% code coverage as measured by JaCoCo.
  - Actively involved in the software release lifecycle, including managing Git release tags, executing Jenkins CI/CD pipelines, and ensuring successful deployments to AWS.
  - Provided production support with 24-hour issue resolution.

**Tech stack:** Java Springboot, PostgreSQL, Redis, Kafka, Docker, Jenkins, Git, Swagger, Scrum

- GoTo, Backend Developer
  - Integrated third-party systems (e.g., Artajasa, Xlink) into the Bill Payment System using Java Spring Boot to launch new products.
  - Provided production support with 24-hour issue resolution.

**Tech stack:** Java Springboot, Python, PostgreSQL, Redis, Kafka, Docker, Grafana, Git, Swagger, Scrum

## **Internal Projects:**

- Led the redesign of an AWS-hosted **Online Recruitment Platform**, including its Java Spring Boot-based RESTful backend APIs (using PostgreSQL) and its React-based frontend UIs, significantly improving application performance and reducing the HR recruitment cycle.

**Tech stack:** Java Springboot, React, Bootstrap, PostgreSQL, Redis, Kafka, AWS, Docker, Git, Swagger, Scrum

- Designed and launched a full-scale **Employee Rewards platform**, engineering high-performance RESTful APIs using Laravel and MySQL and a responsive UI to deliver fast response times and drive significant user engagement.

**Tech stack:** Laravel, Bootstrap, MySQL, Redis, Git, Swagger, Scrum

## **PT. Mindo Small Business Solutions,**

Backend Developer (Apr 2017 - Jun 2018)

- Engineered a batch-posting feature by developing a custom PHP module within the Drupal-based internal system to automate property listing uploads via the Booking.com API.
- Designed and developed custom Drupal modules using PHP and Doctrine to extend core CMS functionality for internal business processes.

**Tech Stack:** PHP, Doctrine, Drupal, MySQL, Git, Swagger, Scrum

## **PT. Tech Grid Asia Indonesia**

Backend Developer (Feb 2016 - Mar 2017)

- Developed and enhanced an ERP solution (PHP Yii2) to streamline and automate key payroll and marketing operations.
- Designed and implemented modular ERP backend features using PHP Yii2 to support payroll, employee management, and marketing operations.

**Tech Stack:** PHP, Yii, Bootstrap, MySQL, Git, Swagger, Kanban

## **PT. Dua Empat Tujuh**

Backend Developer (Jan 2014 - Jan 2016)

- Contributed to big data processing (Java, Apache Hadoop) and frontend web development (Sencha Ext JS).
- Developed and maintained RESTful APIs using Node.js to support data ingestion, processing, and integration with big data pipelines.

**Tech Stack:** Java, Node.js, MongoDB, Apache Spark, Apache Hadoop, Git, Swagger, Kanban

## **TECHNICAL SKILLS**

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- **Programming Languages:** Java, PHP, TypeScript
- **Frameworks & Libraries:**
  - **Backend:** Spring Boot, Nest.js, Node.js, Laravel, Doctrine, Yii, Drupal
  - **Frontend:** Vue.js, React, Sencha Ext JS
  - **Big Data:** Apache Hadoop
- **Databases & Data Stores:** Oracle, PostgreSQL, MySQL, MongoDB, Redis
- **DevOps, Cloud & Platforms:** Docker, Apache Kafka, AWS, Jenkins, Git, Swagger
- **AI & Retrieval Systems:** LLM Integration, Prompt Engineering, RAG, Vector Databases (Qdrant), Embedding Pipelines, Document Ingestion & Chunking
- **Methodologies:** Scrum, Kanban

## **EDUCATION**

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### **Bachelor's Degree in Information Systems**

Aug 2009 - Sep 2013

Indonesia Digital Technology University

- Emphasized hands-on experience in web development, RESTful API design, SQL querying, and building scalable systems.