

VIKO ANDRI BASTIAN MANURUNG

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EDUCATION

Del Institute of Technology

Associate Degree Informatics Engineering

Aug 2014 – Sept 2017
Laguboti, North Sumatera

Mercu Buana University

Bachelor of Science Informatics Engineering

Feb 2018 – Jan 2020
West Jakarta

WORK EXPERIENCE

PT Bank Mandiri (Persero) Tbk

Software Engineer

July 2020 – Present
West Jakarta

- Contributing to the development of the Dispute Management System, specifically focusing on the Seamless module to resolve complex transaction discrepancies through Flowable BPMN automation.
- Developed the ORP web app using React.js and Spring Boot, spearheading the integration of SKN Debet and WAPU features while collaborating with the team to ensure high system stability.
- Developed and supported the E-Channel Go ATM/CRM monitoring web app using React.js and Spring Boot, maintaining and fixing bugs with the team to ensure system stability and performance. Prepared the server for production readiness, including CSCC setup, and managed deployment on single-node servers in DC and DRC environments using Mandiri Private Cloud. Collaborated with security teams to remediate critical vulnerabilities identified during penetration testing, enhancing security and optimizing application efficiency before production release.
- Developed and deployed TPS Adapter, a core banking support project, using Spring Boot and AngularJS.
- Developed, supported, and maintained core banking applications for Incoming and Outgoing TT and RTGS using Struts 1, JSP, HTML, and Javascript within the OPF Framework. Collaborated with Solution Analysts to address production and development issues. Managed deployment and database setup for each cluster module. Conducted penetration testing and performance testing before production release using Mandiri Private Cloud.

Kita Kitchen

Part-time Software and DevOps Engineer

May 2020 – Dec 2020
Remote

- Backend Development: Built a middleware gateway API using Go (Golang) and a tenant management dashboard using Laravel (PHP) with MySQL.
- Infrastructure: Provisioned and configured production infrastructure on Google Cloud Platform (GCP).
- Deployment: Configured Nginx as a reverse proxy and automated deployment pipelines for Go and PHP (Laravel) applications.

PT Digital Artha Media

Backend Developer

Oct 2017 – June 2020
South Jakarta

- Developed and maintained the core payment web project Ecash New Web Agent and Ecash Mandiri using Java Struts 2.
- Developed an internet payment gateway project (New IPG) using Java Spring.
- Built a new POS application from scratch called IndiePayPOS using Java Spring.

SKILLS

- Core Development: Java, Go (Golang), JavaScript, TypeScript, PHP, SQL (MySQL / Oracle), Shell Script
- Web Development: WordPress CMS, HTML5, CSS3 / SASS, React.js, AngularJS, Responsive Design, Mailchimp Integration
- Infrastructure & CI/CD: Jenkins, Docker, Linux System Administration (RHEL), cPanel, Cloudflare, Nginx, GCP, Shell Scripting
- Observability & Security: ELK Stack, Google Analytics, System Monitoring, Penetration Testing Support, Vulnerability Assessment

PROJECTS

Dispute Management System Spring Boot, Microservices, AngularJS, Oracle SQL, Flowable BPMN, Jenkins <https://app.superops.corp.bankmandiri.co.id>
Developed a seamless dispute resolution module using Flowable BPMN to automate and track transaction discrepancy workflows.

ORP SKN Incoming Debet and WAPU Spring Boot, Microservices, React.js, Oracle SQL, Red Hat Single Sign-On (RH-SSO), Jenkins <https://app.superops.corp.bankmandiri.co.id>
Engineered modules for National Clearing (SKN) and Tax Collection (WAPU), integrating RH-SSO for secure access and managing microservices deployment via Jenkins.

E-Channel Go – ATM & CRM Maintenance Monitoring and Reporting Application Spring Boot, React.js, SQL Server, Jenkins <https://echannelgo.bankmandiri.co.id>
Built an integrated monitoring and reporting platform for ATM/CRM networks to optimize e-channel business performance and system uptime.

TPS – Core Banking (TT & RTGS) Java Struts 1, JavaScript, Oracle, WebSphere, AngularJS <https://tps.bankmandiri.co.id>
Maintained core banking services for international remittance (Telegraphic Transfer) and high-value domestic payments (RTGS) within the OPF framework.

Kita Kitchen – Restaurant Website & Tenant Management Dashboard Go (Golang), PHP (Laravel), MySQL, GCP, Nginx
Built a tenant management dashboard for Kita Kitchen using Go (Golang) and Laravel (PHP), with MySQL database and production deployment on Google Cloud Platform (GCP) via Nginx.

Internet Payment Gateway – LinkAja Integration Java Spring, JavaScript, REST API
Developed the payment gateway integration for LinkAja to facilitate seamless digital wallet transactions.

Core Banking – Ecash Mandiri Java Struts 2, HQL, MySQL
Developed and maintained core banking application for Ecash Mandiri digital wallet platform.