

# Farhan Hanifputra

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## SUMMARY

Fullstack Engineer with 5+ years of experience developing and maintaining enterprise applications in the banking industry. Skilled in Java, Spring Boot, Angular, and SQL for financial transaction platforms using SWIFT and ISO 20022. Experienced in deployment, performance optimization, and production operations on Windows and Linux environments. Continuously expanding expertise through web projects using React and Next.js to stay aligned with modern software framework trends.

## SKILLS

- **Programming Languages:** Java, SQL, Javascript/Typescript, HTML/CSS, Python
- **Frameworks & Technologies:** Spring Boot, Angular, React, Next.js, Astro, Bootstrap, Tailwind
- **DevOps & Infra:** Git, Maven, WebLogic, Jenkins, OpenShift, Control-M, Kibana, Batch & Shell Scripting Windows Server
- **Database:** Oracle SQL, SQL Server, Supabase
- **Domain Expertise:** SWIFT Messages (MT & ISO20022), Remittance Systems
- **Spoken Language:** Bahasa Indonesia (Native), English (Upper Intermediate), Japanese (Beginner)

## PROFESSIONAL EXPERIENCE

### Bank Central Asia

#### Senior IT Specialist

Jan 2024 - Present

#### IT Specialist

Oct 2020 - Dec 2023

- Deliver end-to-end **fullstack development, deployment, and production support** for enterprise applications handling millions of dollars remittance transactions daily
- Collaborate with **product owners, technical, and business teams** to deliver new features, enhance performance, and resolve operational issues
- Lead the adoption of **clean-code practices, code reviews, and architecture improvements**, reducing production bugs and improving maintainability
- **Tech stack:** Java, Spring Boot, Angular, Oracle SQL, SQL Server, Git, Jenkins, Batch & Bash Scripting, Openshift, Weblogic, Control-M, Kibana, Windows Server, Linux Server

### *Projects & Applications Highlights*

- **Remittance Investigation**
  - Developed backend (Spring Boot) and frontend (Angular) for **SWIFT MT & ISO20022** investigation application
  - Deployed applications on WebLogic and automate batch jobs orchestrated via Control-M, in coordination with middleware teams
  - Refactored and modernized a legacy codebase, improving scalability and maintainability
  - Optimized SQL queries, indexing, and housekeeping to reduce peak-time delays and enhance processing speed
- **ISO 20022 - CSV Converter Tool**
  - Built a **Java-based converter** to transform **SWIFT ISO20022 XML** to **CSV format**
  - Designed tag-based parsing logic to extract and map XML fields into structured datasets
  - Optimized transformation performance and ensured consistent data handling across multiple ISO20022 variations (CBPR and CAMT)

- **Nostro Account Reconciliation**
  - Serve as technical lead for reconciliation system (**SWIFT MT & ISO20022**), managing implementation, enhancements, and vendor coordination.
  - Led Windows Server upgrades (2012 to 2022) and configured **IIS, firewall, network, and user policies**
  - Automated batch processes and performed regular health monitoring and troubleshooting
- **Banknotes & FX Stock System**
  - Developed backend (Spring Boot) and frontend (Angular) microservices managing FX and banknotes inventories across nationwide branches
  - Deployed and configured pod services on OpenShift
  - Monitored log service using Kibana for troubleshooting and resolving production issues

## **IDStar Cipta Teknologi**

**Junior Java Developer (Intern)**

**Aug 2020 - Sep 2020**

- Assisted in developing backend and frontend components for client applications, following team coding standards and review practices
- Developed a CRUD module and integrated it with a RESTful API, based on a provided class diagram and system specification.
- **Tech stack:** Java, Angular, Springboot, Laravel, MySQL, REST API

## **Etanee**

**Campus Internship Program**

**Jun 2019 - Aug 2019**

- Perform analysis for potential stockist locations based on regional characteristics and demand indicators.
- Designed an Excel database of potential Stockist locations in each region with Google Maps API for location visualization and strategic planning
- **Tech stack:** Python, Pandas, NumPy

## **EDUCATION**

### **IPB University (Bogor Agricultural University)**

**Bachelor of Science, Agro-Industrial Technology**

**Aug 2016 - Jun 2020**

- **Publication:** T. Djatna, **F. H. Putra** and Annisa, "An Implementation of Area Skyline Query to Select Facilities Location Based on User's Preferred Surrounding Facilities" IEEE 2020 International Conference on Advanced Computer Science and Information Systems (ICACSIS), 2020, pp. 15-20
- **Awards & Activities:**
  - **Teaching Assistant** for **Computer Application** (2018), **Operation Research** (2019), **Valuation Technology** (2020), and **System Analysis and Decision Making** (2020)
  - **Most Outstanding Student** of Department of Agro-Industrial Technology 2019
  - **1st Runner Up** Debate Competition Asian English Olympics (AEO) 2019
  - **Vice President** of IPB English Debate 2019-2020