

FATHUR RAHMANSYAH MAULANA MUHAMMAD

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SUMMARY

Software Engineer with extensive experience in engineering high stakes, enterprise grade business systems for multinational automotive and heavy mining industries. Proven track record in automating critical workflows for 1,000+ active permits and ensuring data integrity for high value transactions at global firms like Inchcape (Mercedes-Benz) and PT Pamapersada Nusantara. Deeply passionate about Fintech innovation, specializing in market volatility prediction through Deep Learning (LSTM) research. A high impact problem solver who directly engages with stakeholders to translate complex business needs into scalable technical architectures.

EDUCATION

UPN “Veteran” Jawa Timur

2021 – Jan 2026 (Degree Completed)

Bachelor of Information System, 3.85 / 4.00

- **Thesis:** Implementation of Long Short-Term Memory (LSTM) Algorithm for Bitcoin Price Prediction.

WORK EXPERIENCE

Binar Nusa Persada

September 2024 – Present

Software Engineer | Project Based

- **InchFAST by Inchcape (Formerly Mercedes-Benz):** Developed an end-to-end business system to streamline automotive enterprise operations across 3+ core departments (Engineering, Production, Quality), ensuring data integrity for high-value automotive transactions.
- **E-Drive (ABB, SMM, TOP):** Engineered a multi-client permit approval system for large-scale mining operations, automating workflows for 1,000+ active permits, and ensuring safety compliance.
- **Tracking Delivery (ABB):** Built a logistics tracking solution to monitor real-time delivery data, optimizing supply chain visibility.
- **ComBee (PT Pamapersada Nusantara):** Developed 'Combee' for PT Pamapersada Nusantara (Global Mining Contractor), integrating new features for Value Daily Assessments (VDA).
- Directly engaged with stakeholders to gather requirements, translate business needs into technical system flows.

Mitra Integrasi Informatika

February 2024 – June 2024

Intern Application Developer

- Ensured the smooth operation of both production and development servers, and managed code deployments to the server using Docker and Portainer.
- Collaborated with the development team to implement new features and resolve existing issues, including tasks like implementing or fixing the semi-microservice feature using Java Spring Boot Framework.

Waysolve

August 2023 – September 2023

Intern Full-Stack Developer

- Evaluated and Redesigned of the Content Management System (CMS) website, this involved updating the websites design and functionality to make it more user-friendly and visually appealing.

OTHER EXPERIENCE

Artificial Intelligence 4 Jobs

August 2023 – December 2023

Orbit Future Academy

- Developed an Artificial Intelligence model for sentiment analysis with 3000+ Cap Cut comment review datasets using LSTM Algorithm.

SKILLS

Language: Bahasa Indonesia (Native), English (Professional working proficiency).

Technical Skills: C#, SQL, Python, Java, PHP, JavaScript.

Frameworks: .NET Core, Spring Boot, Laravel.

Other: Systems Analysis, Requirement Gathering, Machine Learning.