



## Fajar Laksono

Penang, Malaysia | Central Java, Indonesia

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### Summary

- **Software Engineer:** 7+ years of experience in research, design, build, and maintaining diverse software solutions.
- **Technical Product Manager:** Skilled in product lifecycle management, feature prioritization, and cross-functional collaboration to deliver value to users and stakeholders.
- **IT Business Analyst:** Passionate about data, technology, and business, bridging the gap by analyzing requirements, optimizing processes, and delivering data-driven insights.

### Professional Experience

#### Shieldbase AI - Malaysia

##### Technical Product Lead, March 2025 - Present

- Led cross-functional teams across Product, Engineering, and QA, defining roadmap priorities and execution plans while maintaining delivery predictability and quality standards.
- Translated business and customer requirements into clear technical specifications, backlog items, and release plans, enabling efficient and consistent product delivery. Oversaw system design and technical decision-making, balancing scalability, performance, and long-term maintainability.
- Established collaboration processes between Engineering and QA, improving test coverage, release readiness, and reducing post-release defects.
- Worked closely with stakeholders to gather feedback and prioritize improvements that enhanced product reliability and user adoption.

#### AccelByte Inc - Indonesia, USA-based

##### Software Engineer, March 2021 - December 2024

- Led a research initiative to identify and implement strategies for reducing CDN and Storage costs, leveraging data analysis, benchmarking, and evaluating alternative providers. Ultimately, I successfully introduced an optimized solution, onboarded the new vendors, realized around 40% reduction in CDN and Storage costs, and the research was adapted to all company products. Significantly improving operational efficiency and cost savings.
- Facilitated onboarding guidance for new team members by conducting comprehensive product and team introduction, accelerating their integration and productivity within only 1 day.
- Led an initiative to automate Release and Deployment of the services by implementing Automated Release and Deployment design. As a result, it has successfully improved team productivity speed during the release train by 25%-40% and reduced manual intervention.
- Led an initiative to automate data warehouse migration script by implementing Flyway and made a sandbox environment, successfully improving Database Engineers productivity by 25%-40% and reducing manual migration errors.
- Streamlined the customer service experience by addressing inquiries promptly fostering long-term customer trust and loyalty, such as Krafton, Sony Interactive Entertainment, Striking Distance, Theorycraft, Raidbase, and Omeda.
- Developed scalable and stable backend solutions by collaborating with cross-functional teams and implementing system designs, ensuring on-time delivery of features and enhancing user satisfaction.

#### Agate International - Indonesia

##### Full-stack Programmer, September 2020 - March 2021

- Developed the backend system and its admin portal for a game, ensuring a robust and scalable infrastructure

that supported seamless gameplay and management features.

- Ensured timely delivery of the project by adhering to deadlines, coordinating with cross-functional teams, and mitigating any obstacle to maintaining the project schedule. Successfully finished the project 1 month earlier.

#### **PT. Gria Inovasi Teknologi - Indonesia**

**Software Engineer**, September 2019 - March 2020

- Developed backend and frontend for a national management system for the Attorney General of Indonesia using PHP Laravel and Bootstrap. Coordinated daily with stakeholders to refine requirements and delivered the system on schedule with a user-friendly interface and efficient server-side logic.

#### **Universitas Bina Sarana Informatika - Indonesia**

**Lab Assistant**, June 2016 - September 2016

- Assisted the lecturer with lab sessions. Guided students in programming concepts and debugging code examples. Supported learning in PHP, C/C++, and Visual Basic.

#### **PT. Mitra Mandiri Informatika - Indonesia**

**Junior Programmer**, April 2016 - September 2016

- Contributed to building decision support system (DSS) applications. Gained hands-on experience in programming and application architecture. Employed VB.net + Microsoft Access and PHP + MySQL technologies.

### **Portfolio**

Shieldbase • AI Heart Disease Analysis • laksono-api-service • www.belajarcpp.com • The Dimension Game • Eye Health Analysis and Machine Learning Models Selection • Data Profession Survey Analysis with Power BI • Card and Fraud transaction analysis • Prediction with Machine Learning • and see more portfolios: <http://fajarlaksono.github.io/pro>

### **Technology Experience**

**Software Development:** Python, Go, C, C++, C#, PHP, Docker, Kubernetes, GitLab CI/CD, Jenkins, makefile.

**Databases / Data Warehouses:** Vector PostgreSQL, MySQL, MongoDB, Snowflake, Redis, Kafka, Elasticsearch.

**Large Language Models:** OpenAI, Anthropic, GoogleGenAI.

**Data Integration / ETL Tools:** Databricks, Kafka Connect, Airflow.

**Cloud Platforms:** AWS, GCP.

**Data Visualization:** Power BI, Grafana, Looker, Excel, Google Spreadsheet.

**Libraries / Frameworks:** Pandas, scikit-learn, tensorflow, matplotlib, Laravel, WordPress, Spring Boot, Next.js

**Project Management:** Jira, Linear, Confluence, Miro.

### **Education**

**Master of Business Analytics**, Universiti Sains Malaysia, Malaysia. 2024-July 2026

- GPA: 3.50/4.00.
- Relevant Coursework: Data Programming, Predictive Analytics for Business, Machine Learning, and Economic and Management Insight.
- Organization Involvement: AI Trainer in Indonesian Students Association
- Research: The Impact of Artificial Intelligence on Employment in Knowledge-Intensive Industries (In progress)

**Bachelor of Information System Management**, Universitas Bina Sarana Informatika, Indonesia. 2015-2019

- GPA: 3.79/4.00.
- Relevant Coursework: Databases and Data Structure, Software Engineering, and Project Management.
- Organization Involvement: Leader and Teacher in Programming and Animation Forum
- Publications: Analisis Kepuasan Pengguna Youtube Sebagai Media Pendidikan Menggunakan Model DeLone Dan McLean (2019), • Learning Management System Web-Based Application for Computer Science (2018).