Fajar Laksono

Central Java, Indonesia | Penang, Malaysia • fajrlaksono@gmail.com • (Call)+60 10-596-6585 / (WA)+62 89-6658-88251

linkedin.com/in/fajrlaksono/ • fajarlaksono.github.io/

Current Status: Open to work Remotely, or Relocated (Funded/Self-Funded).

Summary

- **Software Engineer:** Five years of experience in research, design, build, and maintaining diverse software solutions.
- **Analytics Engineer:** Skilled in building and maintaining data pipelines, optimizing ETL processes, and utilizing data-driven approaches to enhance business processes.
- **Business Analytics:** Combining a passion for data, technology, and business to drive informed decision-making and deliver value.
- **Languages:** English (Fluent), Indonesian (Native), Japanese (Beginner), Malay (Beginner), Javanese (Intermediate).

Professional Experience

AccelByte Inc - Yogyakarta, Indonesia | Seattle, WA, USA
Software Engineer (Full-time), 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 only within 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 - Bandung, Indonesia
Full-stack Programmer (Contract), 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 - Jakarta, Indonesia
Software Engineer (Full-time), September 2019 - March 2020

- Developed backend and frontend components for a national management application for the Attorney General of the Republic of Indonesia. Delivered a user-friendly interface and efficient server-side logic. Used PHP Laravel for backend development and Bootstrap with modern web technologies for the front end, coordinating through daily meetings to adjust and discuss requirements, ensuring alignment with client expectations. Delivered the management system on time.

Universitas Bina Sarana Informatika - Purwokerto, Indonesia
Lab Assistant (Contract), 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 - Cilacap, Indonesia
Junior Programmer (Contract), 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.

Freelancing Projects - Bandung, Indonesia | Purwokerto, Indonesia
Web Developer (Self-employed), April 2016 - October 2019
- Created simple small business websites for clients during college, delivering user-friendly and functional sites that helped businesses establish an online presence and attract more customers.

Technology Experience

Software Development: Python, Go, C, C++, C#, PHP, Java, Docker, Kubernetes, GitLab CI/CD, Jenkins. makefile
Databases / Data Warehouses: PostgreSQL, MySQL, MongoDB, Snowflake, Redis, Kafka, Elasticsearch.
Data Integration / ETL Tools: Kafka Connect, Airflow.
Cloud Platforms: AWS.
Data Visualization: Power BI, Grafana, Looker, Excel, Google Spreadsheet.
Libraries / Frameworks: Pandas, scikit-learn, matplotlib, Laravel, WordPress, Spring Boot.
Project Management: Jira, Confluence, Miro.

Education

Master of Business Analytics, Universiti Sains Malaysia, Penang, Malaysia. GPA: 4.00/4.00, 2024-Present.
- Thesis: -
- Relevant Coursework: Data Programming, Predictive Analytics for Business, Machine Learning, Economic and Management Insight.
- Organization Involvement: Person in Charge of Workshop Events (Tech, ML, & AI Topics) in Indonesian Student Association - Department of Research.

Bachelor of Information System Management, Bina Sarana Informatika, Purwokerto, Indonesia. GPA: 3.79/4.00, 2015-2019.
- Thesis: Analysis of YouTube User Satisfaction as a Public Education Media Using the Delone and McLean Model.
- Relevant Coursework: Databases and Data Structure, Software Engineering, and Project Management.
- Organization Involvement: Leader and Teacher in Programming and Animation Forum

Other Information

Speaker at the Seminar on Designing a Cutting-Edge Career to Build Entrepreneurial Spirit, Issued by Universitas Bina Sarana Informatika. Sep 2021.
PPA Scholarship 2017, Issued by the Ministry of Education, Culture, Research, and Technology Of Indonesia. Sep 2016.