

LEJA APRIANZA

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Bandar Lampung, Lampung

Product Development professional with full-stack engineering experience, specializing in workflow automation and backend system design for scalable fintech, AI chatbot, and Web3 applications. Skilled in REST API integration, database architecture, frontend development, and building secure, high-performance digital products end-to-end.

Work Experiences

WeselAja - Bandar Lampung

Nov 2025 - Present

Product Development

PT Xtra Pembayaran Aman (WeselAja) is a licensed cross-border payment service provider based in Bandar Lampung, Indonesia. The company connects global and domestic transactions across individuals, businesses, and digital platforms — securely, quickly, and transparently. WeselAja is officially registered and supervised by Bank Indonesia (No. 27/715/Bdl/Srt/B).

- Developed a subscription-based chatbot to help merchants manage their subscription customers efficiently.
- Designed and implemented a scalable backend architecture using Supabase, including database schema design, authentication, API management, and PostgreSQL-based relational data modeling, with query optimization, indexing, and data integrity constraints to support chatbot and subscription workflows efficiently.
- Built a responsive and scalable frontend application using Next.js, fully integrated with Supabase for real-time data handling and seamless subscription management.
- Integrated multiple platforms including Supabase, n8n, Telegram, and the Xenith payment gateway to enable automated subscription management and secure payment processing.
- Analyzed merchant requirements and translated business needs into technical solutions aligned with operational workflows.
- Designed and optimized AI agent prompts to effectively handle various subscription-related user scenarios.
- Improved chatbot conversational flow and UX to ensure a more intuitive, user-friendly, and frictionless experience for both merchants and end customers.
- Implemented CI/CD pipelines using GitHub Actions, automating build, testing, and deployment processes to ensure faster and more reliable delivery while maintaining code quality and minimizing manual intervention.

Teman Data - Jakarta

Mar 2022 - Jan 2025

Frontend Developer

Teman Data is a data consulting and technology company specializing in data analytics, artificial intelligence, and cloud solutions. The company helps organizations transform raw data into actionable insights to enhance decision-making, optimize operations, and accelerate digital transformation.

- Built interactive and responsive frontend interfaces, including a chatbot extension, to enhance user engagement and real-time interaction.
- Implemented dynamic data rendering by consuming backend API endpoints, ensuring accurate and up-to-date information across the application.
- Enabled real-time communication by integrating a Socket.IO client with a Socket.IO server for seamless bidirectional data flow.
- Developed data visualization dashboards using Next.js and ECharts, improving system monitoring, analytics clarity, and data readability.
- Designed and implemented an interactive Traffic Map frontend using Next.js, Mapbox, and ECharts to effectively visualize and analyze traffic data.
- Collaborated closely with backend and Web3 teams to integrate frontend interfaces with decentralized application (dApp) features.
- Supported Web3 integration by bridging Web2 applications with blockchain-based services.
- Wrote, tested, and deployed Ethereum smart contracts using tools such as Remix, Truffle, IPFS, and Web3.js to support decentralized workflows.

Educations

Institut Teknologi Sumatera - Lampung

Aug 2017 - Aug 2022

Bachelor of Electrical Engineering, 3.50/4.00

- Electrical Engineering Lab Assistant

Other Experiences

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka - Indonesia

Feb 2021 - Jul 2021

Machine Learning Path Student

Selected as a Machine Learning cohort in Bangkit, a competitive Google-led career readiness program supported by industry partners such as GoTo and Traveloka, designed to prepare high-quality tech talent through industry-aligned curriculum and real-world project development.

- Completed intensive industry-led program focusing on Machine Learning and applied AI development.
- Built end-to-end ML projects including data preprocessing, feature engineering, model training, and evaluation.
- Developed predictive models using Python, TensorFlow, and Scikit-learn.
- Applied supervised and unsupervised learning techniques on real-world datasets.
- Implemented model evaluation metrics (accuracy, precision, recall, F1-score) to optimize performance.
- Collaborated in cross-functional teams to develop a capstone project with production-ready pipeline.
- Deployed ML models using cloud services and REST API integration.
- Practiced MLOps fundamentals including version control and experiment tracking.

BESTNET Computer

Mar 2015 - May 2015

Internship Technician

Assisted in providing technical support and hardware maintenance for computers, laptops, printers, and other office equipment. Supported daily troubleshooting activities, performed basic diagnostics and repairs, and ensured devices functioned properly to maintain operational efficiency. Worked closely with senior technicians while interacting directly with customers to deliver clear and professional technical assistance.

- Assisted in diagnosing and resolving hardware and peripheral issues under supervision.
- Performed routine maintenance, device setup, and basic system troubleshooting.
- Supported customer service processes by communicating technical issues in a clear and friendly manner.
- Learned to identify root causes of technical problems and apply structured problem-solving approaches.
- Developed professionalism through teamwork, time management, and adherence to workplace standards.
- Adapted to real-world service environments and improved confidence in handling customer-facing technical tasks.

Additional Information

- **Hard Skills:** javascript, typescript, python, solidity, Node.js, Web3.js, Ipfs, Ethers.js, React, Next.js, mapbox, docker, Git, GitHub Actions, Socket.IO, MySQL, PostgreSQL, supabase, payment gateway, N8N
- **Languages:** English, Indonesian
- **My Website:** <https://workflowautomation.space/>