

MUHAMMAD FAKHRI DANIAL

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PERSONAL PROFILE

A Computer Science graduate from Bina Nusantara University with hands on experience in full stack development and software engineering. Skilled in designing and building scalable web and mobile applications, as well as managing end to end development processes from planning to deployment. Experienced in both independent projects and collaborative team environments, with strong problem-solving abilities and adaptability to dynamic challenges. Highly motivated to continuously learn, explore emerging technologies such as Web3, and contribute to innovative solutions that create real impact.

EXPERIENCE

PT Japfa Comfeed Indonesia Tbk

Jakarta, ID

Full Stack Developer - Intern

Feb 2024 - Feb 2025

- Contributed to Japfa Innovation, an internal platform for showcasing and fostering innovative business ideas.
- Developed iMEXS (Intelligent Manufacturing Execution System), a real time dashboard to optimize inventory monitoring across production facilities.
- Passionate about building efficient, user centered solutions that enhance operations and empower innovation.

PT Ciomas Adisatwa

Jakarta, ID

Back-End Developer

Sep 2025 - Current

- Responsible for maintaining and improving Japfa's internal operational systems by fixing critical backend bugs, improving SQL queries, optimizing API logic, and ensuring accurate data synchronization across web and mobile platforms.
- Enhanced system reliability by resolving complex issues in data reporting, user management, notification flows, cron jobs, and production workflows, resulting in more stable and consistent business operations.
- Collaborated with cross functional teams to refine backend architecture, including implementing object level permissions, correcting business process logic, and improving API data consistency used by dashboards and field teams.

EDUCATION

Bina Nusantara University

Tangerang, ID

Bachelor of Computer Science

Graduate Aug 2025

Cumulative GPA: 3.33/4.0;

- Final Project: Modular Mobile Application Design for Internet Service Provider Customer Management System, featuring user and admin modules, integrated payment gateway, push notifications, real time payment updates, and bulk/custom invoice generation.
- Served as an intern (2024) at PT Japfa Comfeed Indonesia Tbk, contributing to impactful projects including Japfa Innovation (internal idea platform) and iMEXS (real time manufacturing execution dashboard).
- Relevant Coursework: Web Programming, Data Structures & Algorithms, Database Systems, Software Engineering, Computer Networks, Operating Systems.

PROJECTS

Japfa Innovation – Internal Innovation Platform

Feb 2024 - Feb 2025

- Designed and developed an internal platform for showcasing and fostering innovative business ideas within the company.
- Implemented features for idea submission, evaluation, and tracking, enabling employees to actively participate in the innovation pipeline.
- Collaborated with internal stakeholders to align platform functionality with business requirements, ensuring usability and scalability.
- Technologies: Django, Tailwind CSS, PostgreSQL.

iMEXS (Intelligent Manufacturing Execution System)

Feb 2024 - Feb 2025

- Contributed to the design and development of a real time dashboard for optimizing inventory monitoring and production management across multiple facilities.
- Built backend services with Flask to process and deliver production data, and integrated with a React.js frontend for real time visualization.
- Enhanced operational visibility, allowing management teams to make data driven decisions and improve efficiency.
- Technologies: Django, Tailwind CSS, PostgreSQL.

RajaWifi - ISP Management System

Sep 2024 - Jul 2025

- Developed a production ready ISP management system with 3 components: Flutter mobile app, Express.js backend, and React CMS.
- Features: customer management, invoicing & payment tracking, support system, content publishing, and real time notifications.
- Implemented role based access control (RBAC) with multi level permissions across finance, sales, technical, and admin roles.
- Technologies: Flutter, Dart, Node.js, Express.js, MySQL, React.js, Tailwind CSS, Firebase.

Travel Management & CRM System

Jun 2025 - Sep 2025

- Developed a web based travel management platform integrating CRM features, designed to handle customer acquisition, activation workflows, travel manifests, sales conversion, and membership services.
- Implemented role based access control (RBAC) with granular permissions for multiple user roles including Telemarketing, Finance, Activators, and Supervisors.
- Built a payment management module with installment tracking, overdue detection, proof uploads, and automated reporting.
- Integrated a loyalty system with points earning, redemption, expiration tracking, and service requests to enhance customer retention.
- Applied scalable architecture patterns (Controller)
- Service separation, centralized error handling, database transaction management) and optimized frontend with reusable components and TypeScript strict typing.
- Technologies: Express.js, MySQL, Next.js, React.js, TypeScript, Tailwind CSS.

Confidee - Web3 Anonymous Social Platform

Aug 2025 - Nov 2025

- Selected and showcased at Web3Week Asia – Base Project Showcase, presenting Confidee in a 7 minute live pitch to the broader Web3 community.
- Architected a fully anonymous onchain posting system using a contract relay pattern that hides the sender's wallet address by default, ensuring privacy and censorship resistance.
- Integrated AI powered emotional support and a tip based reward economy, enabling users to contribute helpfully and be compensated without exposing identity.
- Validated product market fit through prior Web2 version (SunibCurhat) with ±10,000 users over 4 years, forming the foundation for its Web3 transition.
- Technologies: Next.js, TypeScript, Tailwind CSS, Solidity, Base (L2), RainbowKit.

TECHNICAL SKILLS

- Languages** : Indonesian (Native) & English (Intermediate)
- Front-End** : React.js, Next.js, Flutter, Tailwind CSS
- Back-End** : Express.js, Flask, Django
- Programming Languages** : Python, Java, JavaScript
- Databases** : MySQL, PostgreSQL
- Blockchain** : Ethereum Virtual Machine (EVM), Solidity
- Tools & Platforms** : Git, Postman, VSCode, DBeaver