

Contact

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Top Skills

PostgreSQL

GraphQL

Next.js

Jullien Nazreen

Full-Stack Developer @ FatHopes Energy | Next.js · React · Flutter · Node.js/Nitro · GraphQL · TypeScript | Building web & mobile platforms for UCO collection & energy trading

Greater Kuala Lumpur

Summary

Full-Stack Developer at FatHopes Energy, where I build the web and mobile platforms that power Southeast Asia's used cooking oil (UCO) collection and energy-feedstock trading operations across multiple countries. I'm KPI-driven, a strong team player, and I thrive in fast-moving environments where requirements evolve quickly. Over the past year I've grown from backend services into owning features end-to-end — from database schema and API design through to the interfaces that vendors and internal teams rely on every day. What I work with:

- Web — Next.js, React & TypeScript, Tailwind CSS + shadcn/ui, TanStack Query/Table
- Mobile — Flutter (Dart), cross-platform for iOS, Android & Web
- Backend — Node.js, Nitro, GraphQL (Yoga) & REST APIs, Prisma ORM, LoopBack 4
- Databases — PostgreSQL, MySQL & MongoDB
- Cloud & DevOps — Azure (Blob Storage, App Service, Container Registry, CDN), Vercel serverless, Docker
- And more — JWT/OAuth (SSO) auth, real-time GPS tracking, payment integrations, PDF/Excel reporting, and interactive dashboards

I care about shipping reliable, well-structured software — type-safe code, sensible architecture, and clean UX — and I'm always picking up the next tool that makes the team faster. Open to connecting with people building in clean energy, logistics, and fintech.

Experience

FatHopes Energy

Full Stack Developer

November 2025 - Present (10 months)

Subang, Malaysia

Full-Stack Developer building and maintaining the web and mobile platforms behind FatHopes Energy's used cooking oil (UCO) collection and energy-feedstock trading operations across multiple countries. I work end-to-end — TypeScript, Next.js & React on the web, Flutter for mobile, and Node.js (Nitro)

with GraphQL & REST on the backend, over Prisma with PostgreSQL, MySQL & MongoDB.

Key Contributions:

- Built a cross-platform Flutter vendor app (iOS/Android/Web) with real-time collector GPS tracking, push notifications (FCM), in-app payments & withdrawals (Xendit/BillPlz), face-recognition onboarding, and 9-language localization.
- Developed a Next.js vendor portal and an energy-trading portal featuring multi-step KYC workflows, negotiated purchase requests, HMAC-sealed digital contract e-signatures, and role-based access control (RBAC).
- Designed type-safe GraphQL & REST APIs on Nitro with Prisma ORM, JWT/OAuth (SSO) authentication, request signing, structured logging (Winston) and error tracking (Sentry).
- Contributed to WRMS, a waste-resource management platform — building analytics dashboards (deck.gl, ECharts, Recharts) and helping modernize a LoopBack 4 / React stack toward Nitro + Next.js.
- Deployed and maintained services on Azure (App Service, Blob Storage, Container Registry, CDN) and Vercel serverless, using Docker, and delivered data insights through PowerBI reporting.

Tech: TypeScript · Next.js · React · Flutter/Dart · Node.js · Nitro · GraphQL · Prisma · PostgreSQL · MySQL · MongoDB · Tailwind CSS · Azure · Vercel · Docker

Juta Teknologi

Back End Developer

November 2024 - November 2025 (1 year 1 month)

Selangor, Malaysia

- Collaborating with the Development Manager on software design, backend development, and system integration.
- Attending development meetings and contributing to project goals.
- Writing and optimizing backend code for system performance.
- Managing database integration, server logic, and API development.
- Assisting with bug tracking and resolution.
- Monitoring and optimizing technical performance of backend systems.
- Providing technical support to the development team.
- Conducting testing to ensure robust backend operations.

Juta Teknologi

Chatbot Developer

February 2024 - July 2024 (6 months)

Shah Alam, Selangor, Malaysia

At JUTA TEKNOLOGI, I worked as a Chatbot Developer, leveraging my expertise in designing and implementing AI-driven chatbots for businesses. Key responsibilities included developing chatbot workflows, integrating AI with business processes, optimizing conversational experiences, and ensuring seamless deployment and functionality for clients.

Cabletronic Computers

Computer Technician

January 2021 - June 2021 (6 months)

Seremban, Negri Sembilan, Malaysia

At Cabletronic Computers, I served as a Repair Technician, contributing my technical expertise to the successful repair and maintenance of laptops and PCs. Key responsibilities included diagnosing hardware and software issues, conducting repairs, and ensuring timely delivery of serviced devices to clients.

Education

Universiti Teknologi MARA

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY, Information Technology · (October 2024 - February 2026)

Universiti Teknologi MARA

BACHELOR OF INFORMATION SYSTEMS (HONS.) INTELLIGENT SYSTEMS ENGINEERING, Computer and Information Sciences and Support Services · (March 2022 - August 2024)

Universiti Teknologi MARA

Diploma in Computer Science, Computer and Information Sciences and Support Services · (October 2018 - September 2021)