

Muhammad Fiqry Bin Mohd Amir Nordin

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PROFESSIONAL SUMMARY

Full Stack Engineer with expertise in React, Node.js, Express, and TypeScript. Experienced in building scalable applications and REST APIs in Agile environments.

EDUCATION

Universiti Teknologi Malaysia

Bachelor of Computer Science (Computer Network and Security), Honours

Skudai, Johor

Graduated July 2023

EXPERIENCE

Full Stack Engineer

May 2024 – Present

Telekom Malaysia

Kuala Lumpur, WP

- Drove a 50% reduction in page load times by refactoring API calls and normalizing database schemas, directly improving productivity for over 200 internal users.
- Delivered a client-facing configurable dashboard using React and Chart.js, empowering users to build custom data visualizations and enhancing product value.
- Led the development of a smart city proof-of-concept (POC) using Next.js and TypeScript to evaluate and demonstrate the feasibility of a new frontend architecture for future enterprise applications.

Frontend Engineer

Jan. 2024 – April 2024

Telekom Malaysia R&D

Cyberjaya, Selangor

- Engineered critical frontend solutions for a large-scale workforce management system using JavaScript and the Webix framework, improving the core functionality and user workflow.
- Contributed effectively within an Agile (Scrum) environment, utilizing JIRA for sprint planning and ticket management to ensure timely feature delivery and project transparency.

PROJECTS

Smartmap Explorer - Configurable Dashboard | *React, Material-UI, Chart.js*

2024

- Led development of a dynamic, client-facing dashboard platform with React, enabling users to build and customize real-time data widgets (maps, metrics, charts).
- Developed a library of reusable, high-performance components and robust API adapters to create a unified and seamless data visualization experience.

TRACEY - Enterprise Asset Management System | *Angular, TypeScript, Node.js, MySQL*

2024

- Architected and delivered two core modules (Asset Retirement, EOL/EOS) and a secure, role-based authorization (RBAC) system for a large-scale enterprise platform.
- Designed and integrated executive-level dashboards for real-time data visualization, providing critical business insights directly to leadership.

Real-Time Arbitrage Platform | *Next.js, TypeScript, Python (FastAPI), PostgreSQL, Redis, Websocket*

2025

- Architected a distributed backend with independent Python workers for data harvesting, analysis, and arbitrage detection to ensure scalability and separation of concerns.
- Engineered a multi-source data pipeline that processes both historical data (REST API) and a real-time event firehose (GGG Public Stash Tab API).
- Developed the core arbitrage detection algorithm, using robust median price calculation from live market samples to identify profitable trades while filtering out market manipulation.
- Implemented a real-time frontend with Next.js and WebSockets, allowing the FastAPI backend to instantly push new trading opportunities to all connected clients for a live, responsive experience.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Dart, SQL

Frontend: NextJS, React, Angular, Flutter, HTML5, CSS3, Material-UI, Mapbox API, Chart.js

Backend: Node.js, Express.js, Python, FastAPI, REST APIs

Databases: MySQL, MongoDB, PostgreSQL, Prisma ORM, Redis, Firebase

DevOps & Tools: Git, Github Actions, Docker, Nginx (Familiarity), PM2, JIRA, Postman