

IZHAN ZIKRY HAMDANI | FULLSTACK DEVELOPER

+60 11-7272 0916 izhanhamdani11@gmail.com

LinkedIn

GitHub

Portfolio

TECHNICAL SKILLS

Languages: JavaScript, Java, C++, Python, Rust, Solidity

Developer Tools: Git, GitHub, Docker, Cisco Packet Tracer, Postman, Remix IDE, Solana Playground, VMware, Android Studio, Visual Studio Code, Cursor AI

Technologies/Frameworks: React.js, NextJS, React Native, ExpressJS, TypeScript, Hardhat, Anchor, Flutter, Prisma ORM, Blockchain, MYSQL, PostgreSQL, MongoDB, TailwindCSS, Shadcn, Digital Ocean, Flowise AI

Hardware: ESP32, Raspberry Pi

EDUCATION

Bachelor Of Computer Science (Hons.) Netcentric Computing

2022 – 2026
UiTM Jasin, Melaka

CGPA – 3.65

PROJECTS

ZakatChain | NextJS, React, TypeScript, TailwindCSS, Solidity, Hardhat, Blockchain

2025

- Developed a scalable and responsive **NextJS** frontend styled with **TailwindCSS** and written in **TypeScript**, better error handling, improving UI consistency and performance.
- Developed a secure and gas-efficient smart contracts using **Solidity**, with a comprehensive testing and deployment via **HardHat** on the Ethereum **blockchain**.

TraffAI | Raspberry Pi 5, Python, Camera module, Flowise AI

2025

- Used **Raspberry Pi 5** and **camera module** to capture clear images of cars violating red lights in real time.
- Wrote **Python** code to control the camera, capture images and automate the legal process.
- Added **Flowise AI** to read the car's license plate from the images, identifying who is linked to the car.

BlockCash | React native, Layer 2 Blockchain, NFC

2024

- Developed a cross-platform mobile app using **React Native** that allows parents to lock their children's allowances in a smart contract, ensuring secure and transparent fund management.
- Integrated **NFC** cards and wristbands to enable children claim ETH by simply tapping, bringing a physical feel to digital money.
- Deployed smart contracts on Scroll (**Layer 2 blockchain**) to make transactions faster and cheaper, ideal for everyday use.

POSITION OF RESONSIBILITY

President UiTM Blockchain Association

2025 - 2026

- Initiated and developed key collaborations with companies and other universities, successfully securing sponsorships and expanding the association's reach and resources.
- Served as a VIP guest at university events, significantly increasing the club's profile and establishing valuable high-level contacts.
- Guided club members to achieve top placements in various blockchain competitions, showcasing strong collaborative skills, technical expertise, and a drive for success.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- CCNA: Introduction to Networks