MUHAMMAD AZWAR NAIM BIN AMILAN
Software Engineer | Full Stack Developer

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Technical and Personal skills

- **Technical Skill**: Node.js, Next.js, React.js, React Native, JavaScript/TypeScript, Laravel PHP, CSS,MySQL, NoSQL, RESTful API, Git, Serverless Architecture, Payment Integration.
- **Personal Skill**: Problem-solving, Collaboration & Teamwork, Communication Skill, Time Management, Adaptability & Continues Learning.

Experiences

Snowball Capital Partner   **Penang**
Software Engineer   *Nov 2022-Present*
- **Designed** and developed an engaging **attraction** and **food discovery** app for **tourists** and **locals** in Penang using **React Native** and **Firebase**, integrating real-time updates, intuitive navigation, and a seamless user experience.
- **Developed and deployed** four scalable backend systems using **Node.js, Express.js, and NoSQL**, optimizing performance and ensuring seamless API integrations.
- **Led backend architecture** for **Penang360**, enhancing data processing efficiency and boosting local attraction visibility, increasing user engagement by **30%**.
- **Built and optimized** the **Audi Ticketing platform**, implementing **RESTful APIs, caching strategies (Redis), and database indexing**, reducing load time by **25%** and improving event management efficiency.
- **Developed a real-time Virtual Menu** with **Node.js and WebSockets**, enabling instant updates and image-to-text conversion for seamless digital menu creation.
- **Engineered a secure and scalable Donation App** using **Node.js, Appwrite, and Next.js**, enhancing transaction security, API performance, and overall donation processing.

Easy Parcel   **Penang**
Software Engineer   *Nov 2021-Oct 2022*
- Actively maintaining and optimizing a **legacy application** while contributing to the development of its **next-generation version**. Ensuring stability, performance, and seamless migration by enhancing existing features, refactoring code, and integrating modern technologies for a future-proof solution.
- Additionally, spearheading the implementation of **eKYC for Cash on Delivery (COD)** to streamline verification, bolster security, and minimize fraud, ensuring a seamless and trustworthy transaction experience.
- Also managing **cron jobs for automated event processing**, improving system efficiency and reliability.

Fulkrum Interactive   **Penang**
Junior Software Engineer   *Sep 2020-Oct 2021*
- **Real-Time Forex Contest Leaderboard**: Engineered a high-performance **leaderboard system** for Forex trading competitions, delivering real-time rankings, precise analytics, and an engaging user experience.

- **Advanced Profile Management for Bus Ticketing**: Developed a seamless **profile management system**, empowering users with intuitive control over bookings, preferences, and transaction history for a frictionless travel experience.
- **Robust Unit Testing with Laravel**: Strengthened application reliability and performance by implementing **comprehensive unit testing** in Laravel, ensuring stability, security, and bug-free deployments.
- **Team Growth Through Logic-Based Games**: Organize **monthly game sessions** to enhance the team's **logical thinking, problem-solving skills**, and collaborative mindset, fostering continuous learning in a fun and engaging way.

Education

- Mara University of Technology (UiTM)   Perlis
  Bachelor's degree in Computer Science with Honors   2017-2020

Certification

- Oracle Database Training

Projects

- **Premises Licence Application**
  - A **streamlined online platform** that enables businesses to apply for licenses digitally, enhancing efficiency and accessibility. This project includes **migrating legacy users**, modernizing workflows, and upgrading the **database architecture** for improved performance and scalability.
  - **Technologies**: React JS, Laravel PHP, Oracle Database, Bootstrap CSS

- **Water Licence System**
  - A **comprehensive digital solution** for managing water licensing, ensuring smooth application processing, compliance tracking, and user-friendly interactions. Designed to enhance operational efficiency and regulatory oversight.
  - **Technologies**: Laravel PHP, MySQL, Bootstrap CSS