

Amirul Hakimin

Software Engineer

Bandar Baru Bangi

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WORK EXPERIENCE

Lian Shun Technology (M) Sdn Bhd.

Software Engineer

Shah Alam, Selangor

Jun 2024 – Present

- Process JSON data and API responses from the LEAF platform to dynamically generate tables based on received data identifiers.
- Contribute to the synchronization of the LEAF data website for the Formio and KPYSync projects, utilizing POSTMAN API for efficient backend management and data handling.
- Design and implement a secure, interactive dashboard using Superset, embedding it within the LEAF website via iframe and applying role-based security measures to restrict access to specific user groups.

Sands Consulting Sdn. Bhd.

Laravel Developer Intern

Bandar Baru Bangi, Selangor

September 2021–January 2022

- Diagnosed and troubleshoot issues across multiple client websites, leveraging up-to-date industry knowledge and best practices to enhance website functionality.
- Identified, resolved, and optimized common website issues, such as broken links, typographical errors, and formatting inconsistencies, significantly improving site usability.

PROJECTS

LEAF SMART COMMUNITY (Software Engineer)

- Collaborated with senior developers to implement a dynamic feature that displays an interactive dashboard from Apache Superset on the LEAF website, offering users valuable data visualizations for property management.
- Worked with backend technologies and APIs to synchronize real-time data updates between the LEAF platform and Superset, ensuring accurate and up-to-date information was consistently displayed to users.
- Contributed to the UI/UX design by optimizing the dashboard's layout and ensuring it met the functional and security requirements for user-specific access control.

E-Jinayat System (Laravel Developer)

- Worked closely with senior developers and the project manager to develop a feature that allows users to view case data categorized by year, facilitating more efficient case tracking and analysis.
- Designed and implemented an authentication and access control system that ensures admins can view data from all states, while regular users are restricted to viewing data from their specific districts, ensuring proper data segregation and security.

EDUCATION

The National University of Malaysia (UKM)

Bachelor of Computer Science with Honours (CGPA: 3.44)

Bandar Baru Bangi, Selangor

2019 – 2022

- Relevant Courses: Web Programming, Mobile Programming, System Administration, Advanced Databases, Compiler Constructions.

SKILLS

Programming Languages & Frameworks:

- Proficient in PHP, Laravel Framework, HTML, CSS, Bootstrap, JavaScript, and Laravel Blade.
- Strong experience with RESTful APIs, developing and consuming APIs for seamless backend communication.

Backend Development & Databases:

- Extensive experience with MySQL, MariaDB, and phpMyAdmin for database management, design, and optimization.
- Proficient in writing SQL queries, using Query Builder and Eloquent ORM for efficient database interaction and management.
- Familiar with Postman for API testing, debugging, and backend integration.

Version Control & Development Tools:

- Proficient in using Git for version control and managing code repositories, ensuring seamless collaboration and code management.
- Experience with Visual Studio Code, Laragon, and CLI for local development and code deployment.

System & Requirements Analysis:

- Knowledgeable in preparing and analyzing User Requirement Specifications (URS) and System Requirement Specifications (SRS), ensuring proper alignment with client needs and technical solutions.

Additional Skills & Tools:

- Experience with API integration and data synchronization across platforms.
- Knowledge of Postman for API development and testing, ensuring robust and secure backend systems.