MUHAMMAD ALI AKHTAR BIN MD HAYRANI

✉ aliakhtarmdh@gmail.com 📱 +6013 - 7881780 in in/muhammadaliakhtar/

SUMMARY

Skilled software developer passionate about creating innovative solutions to drive business growth and enhance user experiences. Experienced in backend and web development, eager to contribute to dynamic projects and collaborate with cross-functional teams. Committed to continuous learning and staying updated with the latest technologies.

EXPERIENCE

JUNIOR SOFTWARE DEVELOPER
AIME HEALTHCARE SDN. BHD.   **July 2021 - Present**

· Developed and maintained backend services, APIs, and web applications using Python, PHP, HTML, CSS, and JavaScript.
· Designed and implemented database schemas, optimized SQL queries, and performed CRUD operations.
· Utilized SLIM Rest API for managing JSON data and collaborated on frontend development.
· Managed admin portal and contributed to feature implementation and bug fixing, collaborating with cross-functional teams.
· Supported the design of table structures and API development for mobile applications.
· Assisted with data cleaning, entry, and processing tasks and provided technical support to the Customer Support and Operation Team.

INTERN - DATA ENGINEER
AIME HEALTHCARE SDN. BHD   **February 2021 - June 2021**

· Assisted in data cleaning, data entry, and data processing tasks.
· Provided assistance to web developer by maintaining websites developed using WordPress.
· Provided on-site assistance to the Operational Team for Product Deployment.

PROJECTS

PDF Data Extraction Script
· Wrote a Python script to automate the extraction of tabulated data from PDF files containing survey results.
· Implemented parsing techniques to accurately extract survey data and formatted it for insertion into a database.
· Streamlined the data entry process, reducing manual effort and improving efficiency in data management.

Smart Parking System
· Designed and implemented a Smart Parking System using React Native and Arduino during academic years.
· Developed a mobile application to provide real-time parking availability information to users.
· Integrated Arduino-based sensors to detect parking space occupancy and relay data to the mobile application.
· Implemented enhanced principles to suggest parking spaces closer to the entrance of the shopping mall, improving user convenience and optimizing parking management.

EDUCATION

Bachelor of Engineering in Electronic-Computer and Information
International Islamic University Malaysia (IIUM) · Gombak, Selangor · 2021 · 3.47 CGPA
· Awarded the Dean's List distinction for academic excellence for four semesters during my study years.

Foundation in Engineering
IIUM Centre for Foundation Studies · Petaling Jaya, Selangor · 2016 · 3.25 CGPA

SKILLS

· **Programming Languages: Python, PHP, JavaScript**
· **Web Development: HTML, CSS**
· **Mobile Development: React Native**
· **Databases: SQL, MySQL**
· **Tools: SLIM Rest API, Excel, MATLAB**
· **Operating Systems: Linux**
· **Problem-solving and Analytical Skills**
· **Strong Communication and Collaboration Skills**