

MUHAMMAD AIZAT HAMIZAN BIN ZAILANI



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Passionate Software Engineering student with strong skills in Laravel framework, Pcb Design and data engineering, seeking a 5-month internship in web or mobile development, data engineering, networking, server maintenance or software testing. Eager to contribute innovative thinking and technical expertise to deliver high-quality solutions in dynamic development environments.

AWARDS

5 times Dean List Award | Faculty of Information Science and Technology

- Earned Achieve minimum GPA of 3.67 and above for semester 1,2,3,4 and 5.

EDUCATION

BSc (Hons) in Software Engineering | Univesiti Kebangsaan Malaysia

Oct 2022 - Present

- **CGPA:** 3.74
- **Related Studies:** OOP in Java, SDLC, Mobile & Web development, Data engineering, Maintenance

Pre-University Study|Pahang Matriculation College

Aug 2020 - May 2022

- **CGPA:** 3.94 | **MUET:** Band 4.5
- **Related Studies:** Mathematics, Chemistry, Physics, Computer Science (Java).

EXTRACURRICULAR ACTIVITIES

TECHNICAL CREW

Dec 2023 - May 2024

Malam Lagenda Za'ba (MAGEZ'24), UKM

- Managed executive calendars, schedule meetings, and coordinate travel arrangements.
- Maintained office supplies inventory and order supplies as needed, optimizing cost efficiency.
- Assisted in organizing company events, ensuring seamless execution.

PROJECT EXPERIENCE

LEADER AND CO-DEVELOPER

Jan 2023

Telco Management Malaysia (JavaFx)

- Proactively explored and integrated **JavaFX for GUI** development ahead of the team's adoption curve, demonstrating initiative and a strong grasp of modern Java desktop application frameworks.
- Collaborated in agile development practices, including sprint planning, code reviews, and pair debugging sessions to maintain high code quality and team productivity.
- Built backend features using java and MySQL, while implementing interactive front-end components with JavaFx.

DEVELOPER

July 2023

PixelPlay VB.NET, Mart Point of Sale (POS) (Visual Basic)

- Currently exploring and applying **VB.NET** in the development of a Point of Sale (POS) system tailored for retail environments.
- Contributed to designing and implementing transaction workflows, inventory management and reporting features using Visual Basic (VB.NET).
- Enhanced understanding of desktop application development and system integration within commercial software contexts.

CO-Developer And Team Collaboration

Feb 2024

PixelPlay Mobile App, Games Sale System (Android Studio, Java, RAWG API, Stripe)

- Collaboratively developed a mobile application inspired by Steam, enabling users to browse and purchase games through a user-friendly interface.
- Explored and integrated the RAWG API to fetch real-time game data, gaining hands-on experience in working with RESTful APIs and JSON parsing in Android.
- Implemented Stripe payment gateway for secure, real-world transaction processing within the app.
- Built core functionalities using Java in Android Studio, focusing on responsive UI, API integration, and e-commerce features.

Leader AND CO-Developer

Dec 2024

UKMeSABS, Arena E-Sport Booking (Laravel, PHP, MySQL)

- Explored and applied the Laravel framework, enhancing proficiency in modern PHP web development practices and MVC architecture.
- Designed and implemented database schemas and booking logic using MySQL, ensuring data integrity and efficient query performance.
- Contributed to both backend and frontend components, integrating user authentication, booking management and responsive interfaces.

Developer

July 2025

Final Year Project , Lanport, Arena E-Sport Management System (Laravel, Filament, PHP, MySQL)

- Applied Laravel framework to build a scalable and maintainable backend, following MVC best practices.
- Developed MySQL database schemas to support complex relationships between players, teams and competition.
- Implemented core functionalities including admin dashboards, user authentication, real-time updates and responsive UI components to ensure a smooth user experience.

SKILLS & LANGUAGES

Technical Skills:

- **Programming** | Java (Advanced), PHP (Intermediate), C++ (Intermediate), JavaScript(Basic), HTML(Intermediate), CSS(Intermediate)
- **Frameworks and Libraries** | Laravel (Intermediate)
- **Database** | MySQL (Intermediate), Firebase Firestore (Intermediate)
- **Software Development** | Agile Methodologies (Intermediate), Sprint Planning (Intermediate),
- **Software Testing (Intermediate) Tools and Platforms** | Visual Studio Code (Intermediate), XAMPP (Intermediate), Sublime Text (Intermediate)
- **PCB Design** | Kicad (Intermediate) , EasyEDA (Intermediate)
- **IOT Microcontrollers** | Arduino (Advanced) , ESP32 (Advanced) , LoRa (Intermediate)
- **Linux Server Management** | Apache (Web Server) , WireGuard (VPN) , Firewall (Iptables) , SSH

Language Skills:

- **English** (Fluent) | **Bahasa Melayu** (Native)

ADDITIONAL WORKS

Personal Portfolio Website (HTML, CSS, JavaScript)

Designed and deployed a personal website aizathamizan.site to showcase academic projects, technical skills and achievements.

Linux VPS Setup for Game Server Hosting (WireGuard, Apache, iptables)

Self-hosted website and provide Hosting Service and configured Linux servers to run Minecraft with secure VPN access using WireGuard and custom firewall rules via iptables.