

Mohamed Mahdi

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EDUCATION

Asia Pacific University - Bachelor of Science, Computer Science (Cyber Security)

2021 - 2024

Bukit Jalil, Malaysia

- Dual Degree from De Montfort University (United Kingdom).

TECHNICAL SKILLS

- Languages: Python, C, C++, Java, PHP, JavaScript, HTML5, CSS3, R, SQL, React.js.
- Tools/Frameworks: Linux, GIT, GitHub, Jira, TCP/IP/UDP, AWS, Adobe Suite.
- Coursework: Security and Forensic Technologies, Databases, C Programming, Systems Analysis & Design, Python, Networking, Data Structures, Web Applications, Computer System Low-Level Techniques, Implementation of Secure Systems, Object Oriented Development with Java, Programming for Data Analysis, Switching & Routing Essentials, System & Network Administration, Research Methods for Computing & Technology.
- Certifications: Switching, Routing & Wireless Essentials (Cisco-CCNA), Introduction to Networks (Cisco-CCNA), Introduction to Cyber Security (TryHackMe), Google Digital Marketing & E-commerce Professional Certificate (Coursera).

WORK EXPERIENCE

IIUM - Full-Stack Developer Internship

August 2023 - December 2023

Gombak, Malaysia

- Developed multiple web applications using MERN Stack.
- Developed Mobile Applications.

Asia Pacific University - Front End Developer

February 2022 - February 2023

Bukit Jalil, Malaysia

- Collaborated in the design, development, and deployment of 4 websites using WordPress, HTML, CSS, and JavaScript.
- Executed comprehensive testing on each of the 4 developed websites, achieving a 25% reduction in post-deployment bugs.
- Maintained a 100% record of meeting project deadlines and concurrently managed an average of 5 tasks, showcasing exceptional time management and organizational skills.
- Served as a key member in a team of 5, fostering a positive work environment through clear communication and collaborative problem-solving.
- Implemented diverse web technologies to optimize site performance, resulting in a 15% improvement in load times and a 20% increase in overall user experience scores.
- Addressed and resolved over 150 web development issues throughout the year, contributing to a 98% uptime and improved website reliability.

ACADEMIC PROJECTS

Online Banking System

- Implemented a Python-based, secure, and user-friendly online banking system for a university project, effectively mirroring real-world banking operations. The project significantly advanced my skills in backend development and data security.

Online Car Rental System

- Designed and implemented a Car Rental System as a university project using Java. This project allowed for the simulation of real-world transactions and showcased the practical application of object-oriented programming principles.

Mini Grocery store system

- Designed and developed a mini grocery store system using Assembly language as part of a university project, effectively managing inventory, sales, and user interface, which received top grades for its efficiency and user-friendly design.