

Basem Ghasan Mansoor Ali

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EXPERIENCE

Joget NextGen Hack 2024

Oct 2024 – Nov 2024

No-code / Low-code Hackathon

- Achieved **2nd Place** for developing an **innovative machinery management application** using **Joget DX 8** and other related technologies.
- Participated in a team of 4 to address the challenge of efficient machinery maintenance by creating a system capable of identifying potential equipment failures before they occur using a **no-code/low-code solution**.
- Developed **custom UI components** using **custom HTML** within the Joget environment to provide a user-friendly interface for managing machinery data and scheduling maintenance tasks while using **SQL** to manage the data.
- Demonstrated proficiency in **Joget DX 8, JavaScript, HTML, and SQL** within a collaborative hackathon setting.

EDUCATION

Asia Pacific University (APU)

Expected Graduation: Sep 2026

Bachelor of Science (Hons) In Software Engineering - **3.28 GPA**

PROJECTS

Procurement Order Tracking System (POTS) [LINK](#)

Oct 2024 – Dec 2024

- Designed and implemented a **Java-based** procurement order tracking system (**POTS**) with a **user-friendly GUI**.
- Applied **Object-Oriented Programming (OOP)** principles such as **encapsulation, inheritance, and polymorphism** for maintainable and scalable code.
- Utilized **file-based** storage for data persistence with validation to ensure data integrity.
- Implemented **role-based access** for key stakeholders (Sales, Purchase, Inventory, Finance Managers, and Administrators).
- Contributed to a successful team project of five, resulting in an **A+ grade**.

Personal Portfolio Website [LINK](#)

Feb 2025 – Mar 2025

- Developed a **responsive** portfolio website using **HTML, CSS, and JavaScript**, leveraging **media queries** for optimal compatibility across devices.
- Integrated external profiles (**LinkedIn, GitHub**) and a **downloadable CV** for easy access to personal information.
- Deployed on **Vercel**, utilizing its **CI/CD pipeline** for automated deployments and reliable hosting.

SKILLS

- Languages:** C/C++, C#, R, Python, JavaScript, Java, SQL
- Libraries/Frameworks:** Node.js, TailwindCSS
- Developer Tools:** Git, GitHub

ACHIEVEMENTS

Cloud Computing 101 (AWS Educate) [LINK](#)

Certified Since Mar 2025

- Developed foundational understanding of AWS cloud services, including storage, compute, networking, and security, enabling the creation of simple cloud applications.

Web Development Fundamentals (IBM) [LINK](#)

Certified Since Mar 2025

- Acquired essential web development skills, including HTML, CSS, and JavaScript, along with an understanding of responsive design and web accessibility principles to create user-friendly websites.

The Complete Full-Stack Web Development Bootcamp (Udemy)

Anticipated Certification Apr 2025

ACTIVITIES

Island Night Cultural Event (University Event)

Sep 2024 – Oct 2024

- Supported the successful execution of the **annual Island Night event**, a university-led celebration of traditions from over **10 island nations**.
- Recognized with **two certificates** for contributing to the event's logistics and promoting cultural unity.