HANI FAYED

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EDUCATION

Beirut Arab University   **Dec 2024**

Bachelor of Engineering – BE, Computer Engineering

EXPERIENCE

Geobaco Offshore Sal.   **Dec 2024 – Present**

Data Management & QA Tester – Consultant

- Coordinating with the ERP solution provider to ensure project requirements are met
- Oversee system testing to verify functionality, identify issues, and provide feedback for improvements
- Ensure the system meets company standards before full deployment
- Managing data preparation and cleaning for a smooth transition

Xpertbot   **Oct 2024 – Mar 2025**

Quality Assurance Engineer - Intern

- Assisted in project onboarding, scope understanding, and Azure DevOps setup.
- Created test plans for functional, API (Postman), and UI testing for mobile and web app
- Tracked and reported bugs in Azure DevOps with detailed documentation
- Automated test cases using Selenium/PyTest for key functionalities like user authentication

Integrated Digital Systems (IDS)   **Aug 2023 – Oct 2023**

Full-Stack .NET Developer - Intern

- Developed a Meeting Room Booking System using ASP.NET Core, MySQL, and jQuery
- Built RESTful APIs in .NET Core with interactive documentation via Swagger UI
- Created responsive interfaces using HTML, CSS, and JavaScript

OTHERS

Technical Skills: C, Python, Java, HTML, CSS, JavaScript, MySQL, SQLite, Manual Testing

Tools & Technologies: Flask, Bootstrap, Git for Version Control, Postman, Jira, ClickUp, Azure DevOps

Certifications and Trainings: Cisco certified IT-Essentials, Responsive Web Design

Languages: Arabic (Native), English (Fluent), French (Intermediate)

PROJECTS

W.E R.E.S.C.U.E Robot (Final Year Project)

Co-engineered and developed, in a team of 4 members, an innovative disaster recovery system that creates its own network to enable communication and navigation in inaccessible areas while maintaining a strict $500 budget

- Programmed ESP32 microcontrollers using C++ to enable the creation of a mesh network and sending live streaming data that is displayed on the ESP32 web-server
- Built the ESP32 web-server interface using HTML, CSS, and JavaScript for remote monitoring and robot control
- Developed Python scripts on Raspberry Pi 4 for system integration, real-time mapping, and advanced data processing
- Retrained the YOLOv7 object detection model for real-time detection of humans in danger
- Achieved 1st place at D.A.R.E Universities Robotics Competition hosted by LAU School of Engineering

Online Project Management System

Developed a full-stack web application with a focus on both Front-End and Back-End technologies

- Utilized HTML, CSS, and Bootstrap for responsive front-end design.
- Implemented Python (Flask, Jinja) for back-end logic and SQLite for database management.
- Built core features including user authentication (login/registration) and project/task creation and management.