Abdulaziz Alghamdi

Riyadh, Saudi Arabia | +966590196234 | eng.abdulaziz.alghamdi@gmail.com | linkedin.com/in/abdulazizali/

PROFESSIONAL EXPERIENCE

Intelligent Digitalization Ventures (IDV)   **Riyadh, Saudi Arabia**
Product Manager   Jan 2022 – Jun 2024

- Led the development of an **advanced building management system**, integrating IoT solutions for energy, access control, lighting, HVAC, and parking. The system was successfully deployed across the Security Forces Hospital and National Guard Hospital, achieving a 30% reduction in electricity consumption, enhanced security, improved lighting efficiency, optimized climate control, and streamlined parking operations.
- Managed and developed a **drone-based warehouse inventory management system**, collaborating with global partners on hardware and custom software, utilizing machine learning and computer vision. The system was deployed in high-capacity warehouses replacing manual inventory processes, improving accuracy by 30%, reducing processing time by 80%, and cutting inventory management costs by 40%, significantly enhancing operational efficiency.
- Developed **IoT Temperature and Humidity Monitoring System** for healthcare, integrating both hardware and software solutions. The system significantly improved environmental control by 40%, ensured CBAHI compliance, and upheld the highest quality standards.
- Created an **EV Charging station management system** to optimize EV charging operations by enabling scheduling of charging times, seamless payment processing, and community-sharing features. The platform contributed to a 25% increase in station utilization.
- Built an all-in-one **property management platform** to streamline operations and improve tenant experiences through automated rent collection, maintenance request management, tenant communication, and financial reporting, providing property managers and landlords with a comprehensive tool for efficient and effective property management, resulting in a 40% increase in operational efficiency.
- Led cross-functional teams in translating customer and system requirements into robust, test-driven software designs, implementing cloud technologies for automation and scalability, and managing the full development lifecycle with agile practices while effectively communicating project plans and managing risks for successful delivery.

neo minds holdings   **Sri Lanka (Remote)**
Software Engineer Intern   Sep 2021 – Dec 2021

- Developed an IOS and Android app, utilizing agile methodologies to enhance user satisfaction.
- Worked with a diverse team, ensuring high client satisfaction through continuous feedback and iterative improvements.

Interactive Saudi Arabia   **Riyadh, Saudi Arabia**
Software Engineer Intern   Nov 2019 – Feb 2020

- Contributed to the development and testing of Mawhiba app, focusing on a key feature for intelligence test results.
- Created a testing template that was adopted company-wide, streamlining quality assurance.

EDUCATION

Queensland University of Technology   **Queensland, Australia**
Bachelor of Engineering, Computer and Software Systems (Honours)   2021

University of Regina   **Regina, Canada**
Bachelor of Applied Sciences, Software System Engineering (Not completed)   2018

OTHER

Technical skills   **Languages**

- MERN Stack   - Python   - Arabic (Native speaker)
- Database Design   - AWS Solutions Architect   - English (Full professional proficiency)