Musallam Mohammed Al-Balushi

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Objective

Recent graduate in Electrical and Computer Engineering with a minor in Computer Systems and Networks. Open to opportunities in software development, IoT, or IT. Eager to learn and grow through hands-on experience and continuous development.

Education

BEng. in Electrical and Computer Engineering
Sultan Qaboos University, Oman.   2018 - 2024

Graduation: May 2024

Minor: Computer Systems and Networks

Major Related Courses

- Embedded systems
- Computer Networks
- Computing Systems and Applications

Experience

Training in IT Systems Management Department at Voltamp Transformer Oman SOAC.
Rusayl Industrial Estate, Muscat, Oman

Duration: One month   July. 2023

- Learned network basics (IP addressing, device connectivity).
- Created Ethernet cables and established physical connections.
- Gained awareness of data security practices and user access control.

Publications

Design and Implementation of an AI-enabled Online Recruitment System Presented at the CSDE 2024 Conference.

Abstract: Developed a system to automate candidate screening for Sultan Qaboos University using AI, providing enhanced efficiency in the hiring process. Expanded features include a user-friendly interface, multi-criteria filtering, and AI-driven candidate ranking.

Projects

- **Online Recruitment System (Final Year Project):** Built a system to simplify hiring through smart filtering and automation.
- **Sentiment Analysis System:** Developed a tool that analyzes Arabic and English text for emotional tone.
- **MovieZone (Personal Project):** Created a movie streaming platform with admin-based content management.

Certifications

- Cisco – Introduction to Networks (2022)
- Internal IT Training – Voltamp Transformers (2023)
- Cisco – Enterprise Networking, Security, and Automation (2024)

Skills and Capabilities

Communication and Teamwork:
- Excellent communication skills
- Strong teamwork abilities
- Proficient in report writing.
- Effective problem-solving skills.
- Demonstrated leadership qualities.

Language Literacy:
- Arabic
- English
- Baluchi
- Urdu

Technical Skills:

Programming & Development:
- C, C++, Python (basic), JavaScript, Typescript (basic)
- HTML, CSS, Tailwind CSS
- React (basic), Node.js, Express.js (basic)

Embedded Systems & IoT:
- Arduino programming, microcontrollers, sensors

Database & Tools:
- PostgreSQL, Supabase
- Git, GitHub

Operating Systems & Platforms:
- Ubuntu, Linux, Windows
- Virtual Machines & Command Line

Other Skills:
- Familiar with AI tools to assist in software development (e.g., fixing errors, reading documentation)