Nasser Aladawani

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OBJECTIVE

Motivated IT professional with a solid academic foundation and hands-on experience in network engineering, system administration, and software development. Skilled in designing secure systems and implementing innovative solutions. Fluent in English and Arabic, seeking an entry-level IT position to apply my technical expertise and support organizational success.

WORK EXPERIENCE

Network Engineer Intern at Oman National CERT   **Muscat, Oman | June 2024 to August 2024**
Oman National CERT (OCERT)
- Implemented a secure network with best practice security controls, including user and system environment, DMZ, and remote branch.
- Configured CLI-based firewalls with security policies.
- Configured VLANs and inter-VLAN routing on switches using CLI.
- Performed vulnerability assessments and penetration testing.

AI Project-Based Training at University of Technology and Applied Sciences   **Nizwa, Oman | May 2024 to June 2024**
- Completed a one-month training focused on the basics of Artificial Intelligence using Python.
- Gained hands-on experience working on AI projects, exploring fundamental concepts such as machine learning algorithms, data processing, and model development.
- Developed and tested AI models using Python libraries like NumPy, Pandas, Scikit-learn, and Matplotlib.

EDUCATION

University of Central Florida, Orlando, Florida   **Expected Graduation: May 2025**
Bachelor of Science in Information Technology   Overall GPA > 3.8
- **Earned a full student scholarship from Oman Cultural Division, Ministry of Higher Education**

TECHNICAL SKILLS

- Java, C, Python, HTML, CSS, MySQL, JavaScript
- Operating Systems: Windows, Linux (Kali, Ubuntu, Metasploitable 2).
- Tools: Putty, AWS basics, Wireshark, Cisco Packet Tracer, Nmap, VirtualBox.
- Networking Fundamentals, VLAN Configuration, Troubleshooting, Firewall Management, Access Control, Switch Configuration, Subnetting.
- System Administration Fundamentals, DNS, DHCP, DC, Mail, FS, and AD server.
- Excellent verbal and written communication skills in two languages, English, and Arabic

PROJECTS

System Administration: Virtual Network Setup using VirtualBox
- Set up and managed a virtual network with Windows Server 2022 and Active Directory.
- Managed user accounts, DNS, DHCP, file sharing, email services, and backups.

Database Systems: MySQL Database Implementation
- Designed and implemented a relational database using MySQL command-line and Workbench.
- Utilized ER modeling, SQL queries, and relational mapping for database creation and management.

Java-Based Client-Server SQL Management Application
- Developed a Java-based client-server app with JSP/HTML frontend and JDBC to interact with remote MySQL databases.
- Created a general SQL client interface and a specialized accountant interface.
- Enhanced security with login authentication and transaction logging.
- Skills: Java, JSP, HTML, JDBC, MySQL | **GitHub**: View Project

Event-Driven e-Store Application (Nile.Com)
- Developed a Java GUI e-commerce application featuring dynamic inventory management and real-time transactions.
- Skills: Java, GUI development, event-driven programming | GitHub**:** View Project

OTHER EXPERIENCE

Undergraduate Teaching Assistant, (Object-Oriented Programming)   **Orlando FL | January 2024 to Present**
- Assisted the professor in evaluating and grading assignments, provided mentorship, and proctored classes.
- Supervise and direct students with the course materials throughout the semester and associate with class preparation and course materials.

Al-Adawani Antiques and Gifts   **Nizwa, Oman | June 2013 to September 2019**
- Managed customer relations, resolving issues and identifying needs.
- Oversaw digital marketing through social media and negotiated with suppliers).
- Performed daily, weekly, and monthly data validation of net income and outcomes.

CERTIFICATE & HONORS

AWS Academy Cloud Security Foundations	Fall 2024
Certified IT Fundamentals PRO	Spring 2023
President's Honor Roll Certificate	Spring 2023, Fall 2023, Spring 2024

CAMPUS INVOLVEMENT

Omani Student Association Coordinator	May 2023 to Present