

Omar Eldanasoury

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Summary

An enthusiastic and self-motivated Junior DevOps Engineer enrolled in an M.Sc in Computer Science program at RPTU University, Germany. I have a keen interest in DevOps, Cybersecurity, and Software Development. With strong analytical and problem-solving skills, I am adaptable to challenging environments where I do my best to contribute to the team.

Skills + Programming/Scripting Languages

Docker, Git, GitHub, Python, Kubernetes, Bash, Jenkins, Security Testing, Web Security, Vulnerability Assessment, Java, JavaScript, PHP, PowerShell, Web/Mobile Application Development, PHP Laravel, Network Security

Certificates

IELTS Academic 7 (Expired), eCPPT, eJPT, ISC2 CC, Google IT Support, Google IT Automation with Python

Projects

1. **Designing and Building a Custom-VPC for Multi-Tier Web Application Using AWS:** ensured proper network subnetting and configuration.
2. **Automation Scripts to Manage Infrastructure:** wrote Bash/Python scripts to automate server setup and backups.
3. **Secure Chat Application:** *used Python to implement cryptographic concepts* (Encryption, Hashing, etc) *and algorithms* (AES) in a chat application scenario *with multi-user client/server architecture*.
4. **Bank Network Design and Implementation:** Designed the network and implemented various network protocols including: DHCP, FTP, DNS, SSH, Web-Server(s), Syslog, NTP.

Experience

Nobel Link | Remote

Junior DevOps Engineer | 01/2025

- **Supporting cloud infrastructure management.**
- **Collaborating with development teams** to streamline deployment processes.
- Contributed to the **successful deployment of a minor software update, ensuring zero downtime.**
- Assisted in **automating routine tasks**, leading to a **10% improvement in team efficiency.**

SANA For Programming

Software Engineer Intern | 06/2023 - 08/2023

- **Conducted web security testing:** leading to mitigation of critical vulnerabilities including **Stored XSS.**
- **Developed the backend** for a dentist clinic management system using **PHP Laravel.**
- **Designed the database architecture** for an e-commerce project.
- **Engaged in client meetings** for requirements collection and process improvement.

Education

RPTU Kaiserslautern-Landau | Kaiserslautern, Germany

M.Sc in Computer Science

Studies start in late April, 2025.

University of Bahrain

B.Sc in Computer Science | 01/2025

- **GPA: 3.66 (rank: Excellent)**
- **Former Core Team Member** at University's **Google Developer Students Club** (*taught Cybersecurity sessions*)

- **Thesis:** Building a Floral E-Commerce Mobile Application with RAG Integration for Customer Product Recommendation.

References

Dr. Youssef Harrath | Associate Assistant Professor - **Dakota State University, USA.** [Linkedin Profile](#).

Links

[Personal Website and Blog](#): <https://omardanasoury.me> | [Linkedin Profile](#) + [Github](#) | [TryHackMe](#) + [HackTheBox](#)