

Dear Hiring Manager,

I am writing to express my strong interest in the DevOps Engineer position at your organization. As a passionate and results-driven DevOps professional with a background in cybersecurity, infrastructure automation, and system programming, I am excited about the opportunity to contribute to your team.

I hold a Bachelor's degree in Computers and Artificial Intelligence from Cairo University and bring a wealth of hands-on experience deploying, automating, and scaling applications across cloud platforms like AWS and Azure. I have successfully built and deployed multi-tier web applications using CI/CD pipelines, Terraform, Jenkins, Kubernetes, and GitOps methodologies.

Some highlights from my recent work include:

Exodia OS: Creator of an Arch-based Linux distribution tailored for cybersecurity professionals and daily users. This project demonstrates my deep knowledge of Linux internals, kernel module development, and system customization.

VProfile GitOps & CI/CD Pipelines: Deployed production-ready applications using GitHub Actions, Jenkins, Docker, and Kubernetes. Leveraged Helm and Terraform to orchestrate infrastructure and workloads on AWS EKS clusters.

Kernel-Level Development: Contributed to the `acer-predator-turbo-and-rgb-keyboard-linux-module`, a C-based Linux kernel module for controlling fans and RGB keyboards on Acer Predator laptops.

Security Projects: Built a Python-based ransomware simulation for educational and research purposes, applying principles of reverse engineering and incident response learned during my training.

My skill set spans across:

DevOps Tools: Docker, Podman, Kubernetes, Jenkins, GitHub Actions, GitLab CI, Helm, Terraform, Ansible, Vagrant.

Programming & Scripting: Python, Bash, PowerShell, C/C++, Java.

Cloud Platforms: AWS, Azure.

Monitoring & Configuration: Grafana, JSON/YAML/TOML, Git, GitLFS.

I hold certifications in DevOps, CI/CD, penetration testing (PNPT), and networking (CCNA), and have completed specialized training in IBM QRadar SIEM, incident response, and secure infrastructure management.

I am driven by a passion for building secure, scalable, and automated systems, and I take pride in contributing to open-source projects and community-led tools. I am confident that my technical expertise and collaborative mindset would make me a valuable asset to your team.

Thank you for considering my application. I welcome the opportunity to further discuss how my background aligns with your team's goals. Please feel free to reach me at mmsaeed509@gmail.com or [+201116060955](tel:+201116060955).

Sincerely, Mahmoud Mohamed Said Ahmed