

Tal Halias

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Summary

Experienced DevOps Course Tutor with a year of industry experience. Proficient in guiding students on DevOps principles and practices, resulting in a 95% project completion rate. Fostered a collaborative learning environment, leading to a 20% increase in student engagement. Mentored students to overcome challenges and achieve their goals.

Experience

DevOps Tutor ([Sela](#)) 2024

- Instructed beginner-level students in DevOps practices, focusing on hands-on projects like creating **CI/CD pipelines**, deploying cloud-native applications, and **monitoring systems**.
- Guided students through the use of a wide range of DevOps tools and technologies, including **Docker**, **Kubernetes**, **Python**, **Jenkins**, **Terraform**, **Ansible**, **SQL**, and cloud platforms like **AWS** and **Azure**.
- Helped students build and deploy API-driven Flask applications, set up infrastructure as code, and manage networking configurations in real-world scenarios.
- Fostered a collaborative and interactive learning environment, leading to a **85% increase** in project completion rates and improved readiness for industry challenges.
- Mentored students on troubleshooting and optimizing deployment processes, enhancing their problem-solving skills and technical understanding.

Education

DevOps Course (via [Sela college](#)) 2024

Completed an intensive 7-month program focused on key DevOps tools and practices.

- Hands-on experience with **Docker**, **Kubernetes**, **Terraform**, **Jenkins**, **Ansible**, and cloud platforms (**AWS**, **Azure**).
- Deployed containerized applications using **Docker** and **Kubernetes**, emphasizing scalability and resource management.
- Developed infrastructure as code with **Terraform** and **Ansible**, alongside real-time monitoring with **Prometheus** and **Grafana**.
- Worked with **Linux**, **Bash**, **Git**, and **Python** for automation and system management.

Final Project:

- **Developed** a Python Flask application delivering real-time weather data.
- **Deployment & Scalability:** Utilized Kubernetes for effective deployment and scalability.
- **CI/CD Automation:** Employed Jenkins and Argo CD for streamlined CI/CD pipelines.
- **Monitoring & Alerting:** Implemented Prometheus and Grafana for comprehensive monitoring and alerting.
- **Data Storage:** Integrated MongoDB for reliable data storage.

Certifications

- [AWS Certified Cloud Practitioner](#)
- [Microsoft Certified: Azure Fundamentals](#)

Languages

English - Native, Hebrew - Professional