Ayoub Nasraoui

Junior DevOps / Site Reliability Engineer
Cloud • Kubernetes • Automation • Reliability Engineering

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Professional Summary

Junior DevOps and Site Reliability Engineer with a strong software engineering background and hands-on experience operating production-like systems through internships and real-world projects. Skilled in automation, CI/CD pipelines, cloud infrastructure, containerization, and observability. Passionate about building scalable, secure, and reliable systems, applying SRE principles such as monitoring, performance optimization, and reliability-driven design.

Education

Master's Degree – DevOps & Site Reliability Engineering
School of Digital Technologies — Expected June 2026

Bachelor's Degree – Software Engineering
University of Monastir — 2024

Technical Skills

Cloud & DevOps: AWS, Docker, Kubernetes, Terraform, Ansible, GitHub Actions, Infrastructure as Code (IaC)
Backend & Databases: Node.js (Express), PostgreSQL, MongoDB, Redis
Monitoring & Observability: Prometheus, Grafana
Programming Languages: JavaScript, Python
Systems & Fundamentals: Linux, Networking Basics (HTTP, TCP/IP, DNS)

Professional Experience

DevOps & Software Engineering Intern — DocStreamSolutions (2024)
- Contributed to backend development and system architecture for a medical clinic management platform.
- Participated in CI/CD automation and deployment workflows to improve release reliability.
- Supported containerized application deployments and system stability.
- Collaborated with cross-functional teams to enhance data handling and workflow reliability.

Junior DevOps Engineer — Academic & Personal Projects (2024–2025)
- Automated infrastructure provisioning using Terraform and Ansible.
- Containerized applications with Docker and supported Kubernetes deployments.
- Implemented monitoring dashboards using Prometheus and Grafana.
- Applied DevOps and SRE best practices with scalability and reliability in mind.

Projects

Real-Time Notification System — Python, Redis
- Built a real-time notification system using Redis Pub/Sub.
- Implemented priority-based message handling and TTL-based cleanup.

Task Manager API — Node.js, PostgreSQL, Redis
- Developed a RESTful API with authentication and caching.
- Improved API response time by approximately 40%.

CI/CD Automation — GitHub Actions, Docker
- Designed CI/CD pipelines and automated build, test, and deployment workflows.

Languages

Arabic (Native) | English (Fluent – B2) | French (Intermediate) | German (Beginner)

Soft Skills

Problem-solving, analytical thinking, ownership mindset, leadership, resilience, communication, teamwork.

Interests

Cloud architecture, DevOps automation, Site Reliability Engineering, entrepreneurship, writing, psychology.