

Fadi MRIRI

Cloud & DevOps Engineer

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Portfolio: <https://fadimriri-portfolio.vercel.app>

ABOUT ME

DevOps Engineer with strong experience in designing and deploying production-grade infrastructures. Specialized in CI/CD automation, Docker & Kubernetes orchestration, Linux system administration, monitoring, security, and cloud environments. Proven ability to design application architectures, manage multi-environment deployments (production, development, testing), migrate servers, deploy AI/GPU-based platforms, and maintain highly available systems. Highly autonomous, rigorous, and focused on improving engineering productivity through automation and best practices.

KEY ACHIEVEMENTS

- Designed complete DevOps architectures for multiple production platforms.
- Migrated full production servers (containers, volumes, networks, DNS, SSL).
- Deployed and maintained **GPU-enabled AI infrastructure** for real-time behavioral analysis systems.
- Implemented **automated CI/CD pipelines** for more than **50 applications**.
- Built **custom monitoring systems** based on business requirements.
- Implemented **fully automated backup strategies** across all servers using cron jobs.
- Managed **multi-environment infrastructures** (prod / dev / test).

AREAS OF EXPERTISE

Technical Skills

- **Programming:** Python, Java, JavaScript, PHP, C#, TypeScript, .NET, Spring Boot, Angular, Next.js.
- **DevOps & Cloud:** Docker, Terraform, Kubernetes, Helm, CI/CD platforms (GitLab CI/CD, Jenkins concepts), OVH, GCP, Proxmox LXC.
- **Operating Systems:** Linux (Ubuntu, Debian, CentOS).
- **Networking & Security:** Nginx, Reverse Proxy, SSL/TLS, Certbot, DNS, Firewalls, SSH Hardening.
- **Monitoring & Observability:** Grafana, Loki, Promtail, Prometheus, cAdvisor.
- **Databases & Messaging:** MongoDB, MySQL, PostgreSQL, RabbitMQ, Kafka.
- **AI & GPU:** CUDA, NVIDIA Runtime, GPU Server Deployment.

Functional Skills

- CI/CD pipeline design (GitLab CI/CD, Jenkins-style workflows)
- Infrastructure design & system architecture
- Production deployment & rollback strategies

- Server hardening & security
- Backup & disaster recovery
- Monitoring & observability
- Technical documentation & UML (PlantUML)

Industry Domains

- DevOps & Cloud
- AI & real-time analytics
- Logistics & e-commerce
- CRM systems
- Document management systems
- HR & recruitment platforms
- Web & Mobile Applications

PROFESSIONAL EXPERIENCE

Umanlink Group — DevOps Engineer

Oct. 2023 – Jan. 2026 | Tunis, Tunisia

- Designed and implemented the complete DevOps infrastructure (CI/CD, containerization, monitoring, security).
- Worked with Linux virtual machines and containerized workloads across multiple environments.
- Integrated build, test, and quality validation stages into CI/CD pipelines.
- Designed application architectures (microservices & monolithic) and defined their execution models on servers.
- Managed over **50 automated CI/CD pipelines** (build, test, quality, packaging, deployment).
- Managed full **multi-environment infrastructures** (production, development, testing).
- Migrated complete production servers between machines (containers, volumes, DNS, SSL).
- Provisioned and deployed GPU-enabled servers for real-time AI production environments.
- Implemented customized monitoring systems (Grafana, Loki, Promtail, Prometheus, cAdvisor).
- Implemented fully automated system backups for databases, Docker volumes, images, and configurations using cron jobs.
- Configured DNS, reverse proxy, firewalls, SSH security, and SSL certificates.
- AI-assisted automation and infrastructure optimization.

Electronic Workplace — Full-Stack Developer Intern

2023 – 6 months

- Developed the full SmartCoach web and mobile application.
- Backend, frontend, database design, and mobile application development.
- Technologies: .NET, C#, Angular, SQL Server, Flutter.

SIGA — Mobile Developer Intern

2022 – 1 month

- Developed a mobile housing recommendation app using Flutter/Dart.

ACADEMIC EXPERIENCE

Engineering Degree in Software Engineering - TEKUP University (2023–Present)

Bachelor's in Information Systems Development – ISET Zaghouan (2020–2023)

CERTIFICATIONS

- Microsoft Azure Fundamentals (AZ-900) – 2024
- Introduction to Kubernetes (LFS158) – The Linux Foundation, 2024
- Leadership & Time Management – National Association of University Clubs, 2022

LANGUAGES

- English: C1 (Advanced)
- French: B2 (Intermediate)
- Arabic: Native