

Firas Medini

DevOps • SRE • Platform • Cloud • Open Source

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German B1 | English C1 | French C1 | Arabic Native

Experience

Lead Site Reliability Engineer, Nyris GmbH [↗](#) – Berlin Oct 2024 - Jan 2026

Sustained product SLAs and SLOs by leading reliability efforts, architectural governance, and cross-team collaboration.

- Supported innovations nominated for the Federal President's Award for Technology and Innovation: The Deutscher Zukunftspreis (*The Democratization of Generative AI – Stable Diffusion: From Development to Practical Application* [↗](#)), by driving major design changes and critical infrastructure migration plans, creating the foundational, high-performance platform hosting 100s of microservices and 100M+ of visual assets.
- Cut incident occurrence by 50% and critical vulnerabilities by 70% by evolving organizational KPIs to track alert engagement and security vulnerability remediation.
- Ensured ISO-27001 compliance by directing yearly disaster recovery simulations, security drills, and collaborative threat modeling meetings, and establishing required permission management and security controls.

Site Reliability Engineer, Nyris GmbH [↗](#) – Berlin Mar 2023 - Sep 2024

Improved system reliability and team operational efficiency by researching, presenting, and integrating SRE practices.

- Established core SRE practices such as on-call rotations, actionable alerting, and blameless postmortems.
- Accelerated new services' deployment speed by over 50%, and reduced cloud costs by 30%+, while strictly guaranteeing desired levels of availability by identifying and eliminating toil, and developing user-friendly K8S operators.
- Established the technical framework for future formal error budget policies by developing foundational SLIs and SLOs.

DevOps Engineer, Nyris GmbH [↗](#) – Berlin Nov 2021 - Feb 2023

Achieved and sustained 99.95% API success rate and 400ms response latency for products comprised of 100s of microservices.

- Contributed to successful European Innovation Council (EIC) funding acquisition [↗](#) for several projects.
- Unified CI/CD workflows across all repositories, automating build/test jobs, static code analysis, secure container image scanning, and standardized software delivery using GitOps.
- Designed distributed microservices and tooling for synthetic data processing, serving as foundation for new core products.

DevOps Instructor, GO MY CODE [↗](#) – Tunis (part-time) Dec 2020 - Nov 2021

Led DevOps training for 40+ students/professionals.

DevSecOps Engineering Intern, Polytechnique Montréal [↗](#) – Canada (remote) Feb 2021 - Jul 2021

DevOps Engineering Intern, EYACOM [↗](#) – France (remote) Jun 2020 - Aug 2020

Software Engineering Intern, LOGIDAS [↗](#) – Tunis Jul 2019 - Sep 2019

Software Engineering Intern, WAYCON [↗](#) – Tunis Jul 2017 - Aug 2017

Certifications

CNCF | Certified Cloud Native Platform Engineering Associate (CNPA) [↗](#) Mar 2026

CNCF | Prometheus Certified Associate (PCA) [↗](#) Jun 2023

CNCF | Certified Kubernetes Security Specialist (CKS) [↗](#) Jun 2022

CNCF | Certified Kubernetes Administrator (CKA) [↗](#) Jan 2022

Volunteering

Open source contributions, Github [↗](#) –

Co-Founder & Chair, INSAT ACM Student Chapter [↗](#) (Association for Computing Machinery [↗](#)) Mar 2018 - Sep 2019

- Organized advanced algorithms training for students, enabling teams to reach the ICPC [↗](#) continental stage.
- Reached 500+ members, organized competitions with 1k+ participants, assisted other universities to establish ACM chapters.
- Established a dedicated volunteering infrastructure team to support the national ICPC committee in organizing competitions nationwide, reducing service downtime during competitions to unprecedented levels, and eliminating delays entirely.

Education

National Institute of Applied Science and Technology (INSAT) [↗](#), National Engineering Diploma Sep 2016 – Oct 2021

• **Major:** Computer Networks and Telecommunications. **Minor:** Data Science and Machine Learning

Technologies

GCP, Kubernetes, Operators, Helm, FluxCD, Terraform, CrossPlane, GitLab CI, Keda, OpenTelemetry, Jaeger, Prometheus, ELK, VictoriaMetrics, CloudNativePG, PostgreSQL, MongoDB, Qdrant, ETCD, Knative, Kafka, RabbitMQ, Trivy, Linkerd, ModSecurity, Auth0, 1Password, Apisix, IPsec/StrongSwan, Triton Inference Server, vLLM, Nix Shell, Bash, Python, JavaScript, Golang