SAM MOSIOS

SITE RELIABILITY ENGINEER

CONTACT

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sammosios.com

EDUCATION

2025-2027
KTH Royal Institute of Technology

- MSc in Software Engineering of Distributed Systems

2022-2025
University of Bolton

- BSc (Hons) in Computing with First-Class Honours

SKILLS

- Entrepreneurial Mindset
- Rapid Prototyping
- Attention to Detail
- Effective Communication
- Active Listening
- Teamwork
- Adaptability

LANGUAGES

- English (Fluent)
- Greek (Fluent)

PROFILE

Site Reliability Engineer with hands-on experience building modern, scalable systems and processes. Passionate about deep understanding of software, automation, and developer experience. Comfortable working with GitOps and cloud-native tooling. Known for clear communication, strong initiative, and a collaborative approach to solving complex engineering problems.

WORK EXPERIENCE

Pfizer 07/2024 - 07/2025
Site Reliability Engineer

- Designed reusable CI/CD pipelines with GitHub Actions and Flux, streamlining deployments and ensuring quality.
- Promoted GitOps to enhance integration and consistency across environments.
- Managed scalable infrastructure with Kubernetes and Terraform, ensuring reliability.
- Instrumented microservices with OpenTelemetry, enabling observability-driven development (ODD).

OMIKRON S.A. 06/2023 - 05/2024
Web GIS Developer

- Developed Web GIS applications using GeoServer, React and Leaflet.
- Implemented a Google Maps data miner using C# .NET and Selenium.
- Deployed a dockerized pre-trained PyTorch model on AWS EC2.
- Monitored dedicated/cloud server infrastructure using Grafana.

WORKSHOPS & PRESENTATIONS

Git It Together: Hands-on Git & Github
Pfizer Growth Gig
Conducted a two-part workshop for a collaborating team, covering Git fundamentals, branching strategies and collaborative workflows.

From Code to Cloud: Docker & Kubernetes Demystified
1st Informatics Projects Exhibition, New York College Thessaloniki
Led a hands-on workshop on containerization technologies, focusing on Docker and Kubernetes. Guided fellow students in deploying small-scale cloud infrastructure and demonstrated industry standards, improving technical skills and cultivating a practical, problem-solving mindset.