


SZILÁRD ATTILA NAGY, M.Sc.

AWS Certified Senior DevSecOps Engineer

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 Stockholm, Sweden

Senior DevSecOps Engineer with 7 years of experience. Specialised in building scalable infrastructure, automating processes and ensuring seamless software delivery. Committed to continuously improving processes and enhancing system efficiency.

SKILLS

- Git and VCS (GitHub, GitLab)
- IaC (Terraform)
- Containers (Docker, Podman)
- Golang, Bash
- Linux, Mac
- Kubernetes
- Cloud computing
- AWS
- CI/CD and GitOps
- Grafana
- Prometheus
- FluentBit

EXPERIENCES

DevOps Consultant

2023-Current

As a freelance consultant I delivered tailored solutions for diverse projects and clients.

- Set up and deployed [ArgoCD](#) with [GitLab OAuth](#) Integration.
- Created a [Kubernetes RBAC](#) user and certificate management script to manage user access to a cluster.
- Containerized and launched a [NextJS](#) website into production

Senior DevOps Engineer,

2020-2023

Lead Systems Developer and Sysadmin

@Pensionera Group, Sweden

I held a multi-dimensional role that encompassed spearheading software development initiatives, overseeing the maintenance and enhancement of the infrastructure, and providing effective leadership to a team of six engineers.

- Migrated the [omnibus Helm GitLab](#) installation to a cloud-native version.
- Implemented centralised monitoring, logging, and alerting for [Kubernetes](#), enhancing observability, log processing and streamlining incident management.
- Improved performance trackin by instrumenting [Go](#) applications with custom [Prometheus](#) metrics.
- Optimised application performance by eliminating system interdependencies and replacing the SQL client with [sqlx](#). Introduced the [go-chi](#) router, refactored all [REST APIs](#), and created custom [middlewares](#) to handle common functionalities. Unified error handling across all 16 [microservices](#).
- Operated and maintained production [Kubernetes](#) clusters for optimal performance and reliability.

DevSecOps Engineer,

2017-2020

Junior DevOps Engineer

@Grabyo, England

I was entrusted with comprehensive ownership and accountability for all projects. This included building a robust [CI/CD](#) system from the ground up, migrating infrastructure to code with [Terraform](#), and designing a secure and efficient [AWS network](#) layout. I developed internal tools, conducted extensive research on new technologies, and led initiatives that significantly enhanced our operational efficiency and security.

- Designed and implemented stateless, highly-available, and scalable architecture for multiple tools, including [Jenkins](#), [Verdaccio](#), [Hashicorp Vault](#), and [Unleash](#). All utilising [Google OIDC](#) as user authentication.
- Developed a [CLI tool \(Go\)](#) that unified service packaging and deployment methods, regardless of backend.
- Improved security and access control by replacing [SSH keys](#) with [Vault](#)-generated [OTPs](#) based on user identity.

ACHIEVEMENTS

- AWS Certified SysOps Administrator
- IEEE Communication Society Special Award
- Ericsson Hungary 1st Prize at the Scientific Students' Association

EDUCATION

- M.Sc.: Computer Network Administration and Management
@University of Portsmouth, England
- B.Sc.: Computer Science Engineering
@Budapest University of Technology, Hungary