

szilard attila nagy

AWS CERTIFIED SENIOR DEVSECOPS ENGINEER

Senior DevSecOps Engineer with 6 years of experience, specialised in automating processes, building scalable infrastructure, and ensuring seamless software delivery. Committed to continuously improving processes and enhancing system efficiency.

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 Stockholm, Sweden

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WORK EXPERIENCE

Senior DevOps Engineer, Lead Systems Engineer and Sysadmin

@Pensionera Group

2020-2023

- Migrated **GitLab** to a cloud-native version, improving scalability and performance.
- Optimised application performance by eliminating system interdependencies, utilising **go-chi** router, writing custom middlewares and unifying error handling across microservices.
- Led a team of six IT engineers, ensuring timely project delivery.
- Implemented centralised monitoring, logging, and alerting for **Kubernetes**, enhancing observability, log processing and streamlining management.
- Operated and maintained the production **Kubernetes** clusters for optimal performance and reliability.
- Enabled improved performance tracking and analysis by instrumenting **Go** applications with custom **Prometheus** metrics.

DevSecOps Engineer, Junior DevSecOps Engineer

@Grabyo

2017-2020

- 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.
- Improved security and access control by replacing the need for **SSH keys** with Vault-generated **OTPs** based on user identity.
- Architected the network layout in **AWS** to ensure optimal performance and security.

- Developed a **CLI** tool that unified service packaging and deployment methods, regardless of backend, for increased efficiency and ease of use.
- Simplified infrastructure management and ensured consistency by importing all existing infrastructure to **Terraform** and creating multiple modules.
- Built a robust **CI/CD** system from the ground up using **Jenkins**, resulting in increased stability, predictability, and deployment frequency. Later migrated the entire process to **CircleCI**.

AWARDS AND CERTIFICATIONS

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

EDUCATION

M.Sc.: Computer Network Administration and Management

@University of Portsmouth

2016-2017

- Graduated with **distinction** in every module and achieved overall distinction

B.Sc.: Computer Science Engineering

@Budapest University of Technology

2012-2016

- Specialised in **Info-communication networks and applications** and was an invited member of **MEDIANETS Computer-Networks Talent Group**

INTERESTS

- Snowboarding, Strongman, Formula 1
- Watching movies, Listening to music