SZILÁRD 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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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 DecSecOps 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.

ACHIEVEMENTS

- AWS Certified SysOps Administrator

- IEEE Communication Society Special Award

- Ericsson Hungary 1st Prize at the Scientific Students' Association

EDUCATION

Computer Network Administration and Management, M.Sc.

@University of Portsmouth,   2016-2017

- Graduated with distinction in every module and achieved overall distinction

Computer Science Engineering, B.Sc.

@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