

# John Stilia

## DevSecOps Engineer



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## About me

I am a diverse DevSecOps Engineer. with a proven track record of building highly available, reliable and secure systems. I have leadership experience leading a DevOps team, building and delivering projects for financial and retail clients. Currently, enhance and maintain the infrastructure and security posture for Century, an e-Learning platform for schools.

## Skill

Python , C++ , Bash , AWS , RDS , SAM , Serverless , Terraform , Ansible , Docker , Kubernetes , Packer , Vagrant , Git , Github Actions , GitLab CI , Linux , CentOS , DevOps , Security , Software Lifecycle , DevSecOps , Snyk , Aquasec , Trivy , SCA , Checkov , Bridgecrew , AWS Well-Architected , Mentoring , Management , Leadership , Project Management , Agile , Scrum , Kanban , On-Call , Pager Duty , Jira , Confluence , Technical Writing , Internal Training , Grafana , Prometheus , Alert Manager , Loki , DataDog , FluxCD , Helm

## experience

06/2023 - Present

Senior DevOps Engineer

Century Tech

Streamlined Gitlab CICD.

Manage AMIs with Packer, Puppet, Ansible

Infrastructure migration to AWS Serverless and EKS

Enhancing Observability with Prometheus, Grafana, Loki

Migrated K8S deployments to helm and FluxCD

Implemented Infrastructure as Code (IaC) with terraspace

Improving Container Security with Aquasec Trivi

06/2022 - 06/2023

DevSecOps Lead Engineer/Deputy Head of DevOps

ITV

Building DevOps Team(recruitment, onboarding, mentoring).

Threat Modelling and Security Architecture.

Infrastructure cost optimisation

Manage/enhance CICD with Github Actions.

Developing Disaster Recovery Architecture.

AWS Well Architecture Framework Delivery

Deliver Audit and Cyber Security

09/2021-06/2022

Senior DevSecOps Engineer

Sky

Architech and build AWS infrastructure with Terraform

Implementing AWS Well-Architected Framework

Implementing Security Best Practices

Develop CICD with Github Actions

Security Incident Response

Scrum Master on Team Projects.

Internal Security Training.

Develop Observability and Security tools.

06/2020-09/2021

DevSecOps Engineer

Sky

Enhance AWS infrastructure.

Developing internal software to accommodate custom security needs.

Developing and maintaining internal tools to improve the Security of the platform.

Linux Patching and Vulnerability Management.

Linux Provisioning with Ansible Support the team's recruitment and onboarding process.

02/2019-06/2020

DevOps Engineer

F-Secure

AWS deployments with terraform.

Managing the Infra with Puppet, Ansible and Bolt.

Vulnerability management with Nessus/Tenable.

Deploy containers (build custom or reuse public).

24/7 On-Call Rota for Infrastructure Incidents.

09/2018-02/2019

Support Engineer

F-Secure

Security Log Collection.

Vulnerability management with Nessus/Tenable.

Deploy containerised infrastructure.

CI/CD with Jenkins and Gitlab

## Achievements

ITV	AWS Well-Architected Framework Implementation
ITV	DevSecOps Guild (CyberSecurity Guild)
ITV	End2End observability with DataDog
ITV	Compliance and Audit Implementation
ITV	Department Ambassador
ITV	Enhance recruitment process
SKY	Internal Cyber Security Training
SKY	Secrets scanning
SKY	Centralised Security Dashboard
SKY	Secure AMI Creation
SKY	Ansible Implimentation
SKY	AWS Well-Architected Framework Implementation
SKY	CICD Implementation with Concourse
SKY	Observability with Grafana Stack (in k8s)
F-Secure	Quality Assurance Automation
F-Secure	Nessus Reporting and Security Implementation

## Projects/Products

LazyLogx	Enabling developers to debug with the press of a keybind - minimising effort
Pasteportal	Effortlessly share formatted code snippets online. (Serverless, Python, JavaScript)
GPS tracker	PoC on Vehicle Tracker(Serverless, Embedded Systems)