

John Stilia — Platform Engineer

Richmond, London, UK

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*"Collaboration means engaging in open discussions to enhance our work experience.
My aim is to develop a product that's secure, sustainable, and reliable, achieved by focusing on improving the infrastructure and adapting the Software Development Life Cycle (SDLC) to our needs"*

Technical skills

Programming Languages: Bash (POSIX), Python, JScript (React(Native), Tailwind, DaisyUI), C++,

Cloud Infrastructure: AWS RDS, EC2, S3, IAM Org, EKS, Lambda, AppSync,

Version Control - CI/CD: FluxCD, Github/Actions, GitLab/CI/Security, Helm, Ansible

DevOps and Security: AWS Well-Architect, Snyk, Trivy, Checkov, Bridgecrew, GitLab Security

Monitoring and Observability: Grafana. Prometheus, Alert Manager, Loki, DataDog

Work Experience

Bohimian Interactive Simulations

London

Senior DevOps Engineer

05/'24 - Present

Enhancing/Maintaining Ansible Playbooks for Infrastructure as Code.

Maintain/Implement Monitoring with Prometheus and Grafana.

Developing CI/CD Pipelines with GitLab CI/CD.

Migrate services from VM to K8S.

Container Security with Trivy and GitLab Security Suite.

Delivering Training Workshops on Kubernetes, Terraform, and CI/CD.

Century Tech

London

Senior DevOps Engineer

06/'23 - 05/'24

Maintained AWS Environment: EKS, S3, IAM Org, RDS.

Migrated version control from Bitbucket to Gitlab.

Transitioned CI/CD processes from Jenkins to Gitlab CI/CD.

Streamlined GitLab CI/CD processes for efficiency.

Managed AMIs with Packer and Ansible for streamlined deployment.

Upgraded EKS and migrated to a new environment for improved performance.

Managed Kubernetes deployments using Helm, FluxCD for automation.

Enhanced system monitoring with Prometheus, Grafana, AlertManager.

Boosted container security using Trivy and Gitlab Security Suite.

Supported Development team with Kubernetes deployments.

Implemented Infrastructure as Code with Terraform, Terraspace.

Delivered training on Terraform, Kubernetes, CI/CD practices.

ITV-PlanetV

London

Lead DevOps Engineer

06/'22 - 06/'23

Lead a team of 43 Developers and DevOps personnel through a Lead Developer and Scrum Master.
 Provided consultancy management for the Engineering Team.
 Architected AWS Infrastructure: Serverless, AppSync, S3, RDS.
 Modularized Terraform and CloudFormation for improved infrastructure as code practices.
 Developed Python Serverless Functions for enhanced application functionality.
 Conducted recruitment for DevOps and DevSecOps roles to strengthen the team.
 Developed and delivered a Compliance Strategy to ensure regulatory adherence.
 Formulated a Disaster Recovery plan to minimize potential downtime and data loss.
 Optimized AWS Cost, achieving significant savings without compromising on performance.
 Improved CI/CD SDLC processes, enhancing development and deployment efficiency.
 Completed the AWS Well-Architected evaluation, ensuring best practices in cloud architecture.
 Engaged in Infrastructure Deep Dive to identify and address potential improvements.

SKY Media

London

Senior DevSecOps Engineer

09/'21 - 06/'22

Served as Scrum Master for team projects.
 Recruited DevSecOps and Python Developer roles.
 Built AWS infrastructure: EKS, RDS, S3, IAM Org.
 Applied AWS Well-Architected principles for optimal infrastructure design.
 Enforced Security Best Practices across the organization.
 Developed CI/CD pipelines using GitHub Actions for streamlined deployment.
 Handled Security Incident Response, ensuring quick and effective mitigation.
 Delivered Cyber Security Training internally to enhance team awareness and skills.
 Developed AWS Golden Images management software with security agents.
 Assisted in the Hiring process for Management support.

SKY Media

London

DevSecOps Engineer

06/'20-09/'21

Enhanced AWS infrastructure for improved performance and security.
 Developed security software tools to strengthen system defenses.
 Managed Linux patching to ensure up-to-date system security.
 Assisted in managing vulnerability scanning and remediation efforts.
 Architected an Ansible provisioning system for efficient infrastructure deployment.
 Developed an in-house security analysis tool using Python for targeted threat detection.
 Developed a central security dashboarding tool for comprehensive visibility and monitoring.
 Managed AWS Security Groups, IAM Policies, and Roles to enforce strict access control.

F-Secure

London

DevSecOps Engineer

02/'19-06/'20

AWS Deployments for over 250 Customers (EC2, NLB, RDS)
 ESXi Management Python Development of Internal Tooling Kernel Module Development for Network Filtering

F-Secure

London

Support Engineer

09/'18-02/'19

Account provisioning
 Troubleshooting Bare Metal ESXi issues Networking managment

Project Experience

VSCode Extension - PastePortal: Imagine PasteBin, but for Developers, VSCode extension that allow to share code snippets in one key-combo. This helped me to collaborate better

VSCode Extension - Yolo Commit: I wrote a VSCode extension in JavaScript that will create a random commit message and commit all files and push. Sometimes you just need to push code in a branch, then squash

VSCode Extension - LazyLogs: This is a VSCode extension, written in JavaScript, It will detect the

language and add a relevant print statement of the highlighted variable. Great for debugging

Local K8S with CloudFlare Tunneling: AWS is too expensive, so I run my own HomeLab, Using K8S on BareMetal and CloudFlare Tunneling to avoid opening ports. Deployed with Github and Flux, templating with Helm

LAST UPDATED: MAY 15, 2024