

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

Containerization: Docker, Kubernetes, K3S, K8S on BareMetal, Terraform, Ansible, Packer, Prometheus, Grafana (Whole stack)

Work Experience

Bohemia Interactive Simulations

London

Senior DevOps Engineer / DevOps Lead

05/'24 - Present

Leading the design and maintenance of Ansible Playbooks to enforce Infrastructure as Code standards.

Overseeing deployment and lifecycle management of AWX (Ansible Tower) for team-wide CI/CD workflows.

Architecting and reviewing reusable Terraform modules to ensure consistency across environments.

Driving CI/CD pipeline strategy and implementation using GitLab CI/CD across multiple projects.

Leading adoption and integration of GitLab Security Suite for vulnerability scanning and compliance.

Defining and maintaining observability stack with Prometheus, Grafana, Loki, Promtail, Node Exporter, and Pushgateway.

Establishing best practices for container security using Trivy and automated GitLab pipelines.

Managing Kubernetes infrastructure on both Tanzu and AWX, including scaling, security, and governance.

Migrating legacy VM-based services to Kubernetes, ensuring minimal downtime and optimized performance.

Championing DevOps best practices through internal workshops on Kubernetes, Terraform, and GitLab CI/CD.

Mentoring junior engineers and shaping DevOps culture across the engineering department.

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
Support Engineer
Account provisioning
Troubleshooting Bare Metal ESXi issues Networking managment

London
09/'18-02/'19

Project Experience

VSCode Extension – PastePortal: Think Pastebin but for developers—this VSCode extension lets you share code snippets instantly with a key combo. Made collaboration way smoother.

VSCode Extension – Yolo Commit: Built a fun and useful VSCode extension in JavaScript that creates random commit messages, commits all changes, and pushes them. Great for temp branches before squashing.

VSCode Extension – LazyLogs: Wrote this in JavaScript to speed up debugging—detects language and injects smart print/debug statements for selected variables.

Local K8S + Cloudflare Tunnels: Running bare-metal Kubernetes at home to save on AWS costs. Using GitHub + Flux for GitOps, templated with Helm, and securely exposed via Cloudflare Tunnels.

Mobile App – NutriScan: Currently developing a mobile app that uses AI to scan and calculate nutritional values of food. Built with React Native, Node.js backend, and local AI models.

Book – *The Tao of Ansible*: Writing a practical, modern guide to mastering Ansible. Focused on real-world patterns, clarity, and purposeful automation.

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