Top Skills

Scripting

Customer Interaction

System Administration

Languages

Dutch

English (Full Professional)

Certifications

ISEB Business Analysis

Prince 2

The Complete Agentic AI
Engineering Course (2025)

ITIL v3

Honors-Awards

Best Business Award

Publications

Stay On Top Of Your Gmail Webmail
Using Voice Command

Stephen Shenk

DevSecOps Engineer | AWS | Kubernetes | Terraform | CI/CD
| Cloud Automation | FinOps| Transforming Ideas into Scalable
Solutions | Generative AI | Amazon Bedrock | Prompting Engineering
| Agentic AI Engineering LLM

London, England, United Kingdom

Summary

With over a decade of experience within the SDLC environment,
Designed and implemented secure, scalable AWS multi-account
architecture using Control Tower, SCPs, IAM, IAM Identity Centre,
CloudTrail, AWS Organisations
Created Golden AMI Pipeline with lifecycle management using
Packer and Terraform to Automate base image creation for EC2
deployment across environments
Built a fully automated infrastructure pipeline using Terraform and
GitHub Actions
Implemented end-to-end DevSecOps CI Pipeline workflow using
GitHub Actions, Docker, SonarQube, and Jfrog Artifactory
Managed Kubernetes application deployments with GitOps workflow
using Helm on AWS EKS and ArgoCD
Developed monitoring tool dashboards and alerting systems with
Prometheus, Alert Manager, Grafana and AWS CloudWatch for
continuous monitoring
Implemented scheduled start/stop automation for all EC2 instances
using AWS Lambda, EventBridge and SNS to reduce costs during
off-hours with least privilege IAM roles, automated notifications to
emails via SNS

DevSecOps and Cloud Transition
GitHub, GitHub Actions CI
S3
Secured AMI Creation Using Packer
SonarQube and SonarCloud
JFrog Artifactory
Control Tower - SCPs, Permission Sets, IAM,
Lambda
Docker
ArgoCD

EKS - Managed Kubernetes
Terraform
SDLC Leadership
Cybersecurity
Prometheus, Alert Manager, Grafana and AWS CloudWatch for
continuous monitoring
CI/CD Pipelines
AWS Services: EC2, Elastic Beanstalk, RDS
Bash Scripting and Python Coding
Scalability and Reliability
Excited about contributing my diverse skill set to innovative projects.
Open to opportunities aligned with my passion for driving innovation
in DevSecOps and cloud computing. Let's connect and explore ways
to collaborate on transformative initiatives.

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Experience

Sodaka Digital SEO Agency
9 years 1 month

DevOps Consultant
October 2022 - Present (3 years)
London, England, United Kingdom

● Recommended and engineered a fully automated CI/CD pipeline - GitHub
Acton CI and ArgoCD with Kubernetes, decreasing application deployment
times by 35% and shrinking infrastructure costs by 18% within six months.
● Strong experience in containerization of microservices architecture
applications where I have containerized services of 3 development teams.
● Orchestrated the organisation-wide adoption of Kubernetes, leading to a
verifiable 20% improvement of cost efficiency through streamline resources
allocation and optimized container utilization.
● Implemented infrastructure as code for the microservices and the kubernetes
infrastructure on AWS.
● Strong experience in AWS and AWS networking such as VPC, Load
Balancing, EC2 Compute and IAM.
● Introduced version control best practices with Git, improving code
collaboration and traceability.
● Organised training for the junior DevOps engineers or other development
teams in on- boarding Kubernetes by performing proof of concept.

- Resolved critical production incidents promptly, maintaining system availability and minimizing business impact.
- Diagnosed and resolved critical AWS VPC issues, that enhanced the networking stability for the QA and development teams; implemented solutions that improved connectivity by 35%, facilitating se amless application deployment and reducing downtime incidents..
- Experience working Route53 and hosted zones where I have orchestrated the route 53 and ALB integration for custom domain implementation in Kubernetes.
- Mastered Kubernetes Ingress and Implementation of Kubernetes Ingress for multiple micro services.
- Setup a Terraform remote backend and locking mechanism for the organization using AWS S3 bucket and DynamoDB.
- Experience with Terraform remote state management for multiple development teams.
- I proposed FinOps initiative by collaborating with the Finance team for the Cloud Cost Optimisation. I developed a Python-based AWS Lambda function ....

Senior Product Manager
September 2016 - September 2022 (6 years 1 month)
Kingston upon Thames, United Kingdom

I build tech products customer LOVES, I am the voice of the user/s. I build user engagement and habit-forming products.

Product Manager
September 2016 - January 2019 (2 years 5 months)
London, United Kingdom

- Identified and converted business challenges (such as scalability, cost, and deployment delays) into technical requirements through cross-functional teams collaboration with key stakeholders – marketing team and engineering team to deliver a product that meets business goals and customer needs
- Defined the product vision and strategies that establish a long term goals and directions for the products and the entire product lifecycle management
- Outlined and ranked the infrastructure requirements and modernization goals in order to optimize business value, accelerate deployment, and lower operating expenses.
- Pioneered the market & customer research to the pains and needs, market demand, market-size and the competitors.
- Translated markets needs into epics and user stories for the engineering team and created product roadmap and prioritise features

• Collaborated with the marketing team for Go-To-Market campaign and product launches and product promotion.
• Optimized development and enhanced user experience by implementing AWS IAM and creating user stories, which encouraged adoption and adherence to security guidelines.

Celesio UK
Test Manager- UAT (Contractor)
July 2015 - August 2016 (1 year 2 months)
Coventry, United Kingdom

GK EPoS project for celesio- Lloydspharmacy and John Bell & Croyden (http://www.johnbellcroyden.co.uk/)

• Created thorough test plans and coordinated quality standards as per stakeholder expectations and project objectives to manage and improve entire software testing life cycle.
• Coordinated testing efforts with product owners, developers, and designers to ascertain the timely delivery of high-performing, error-free software releases.
• Prepared the weekly report – weekly task, Test Status Report-updated Test Status for management report, updated Quality Gate, opened filter and checked start date and end date, test execution progress and defects- improved traceability, and decreased configuration management problems by incorporating Git-version control systems into the testing process.

Cigniti Technologies
Test Lead - Contractor
August 2014 - July 2015 (1 year)
Dunfermline

Client Optos plc - www.optos.com
Retina Scanning Device with Optical coherence tomography and OCT Application
SDLC - Agile Scrum Methodology
Product Backlog Estimation
Planned sprint backlog/meeting
Daily Stand up
Organised product presentation to project sponsor every sprint

Debenhams
Test Lead (Contractor)
January 2014 - July 2014 (7 months)

Project... Oracle Cloud HR and Payroll Replacement Project (Oracle Fusion HCM)

spriteCloud
Functional Test Engineer- Consultant (Contractor)
August 2013 - September 2013 (2 months)
Leiden

Project Name – Raw G-Star eCommerce Website. www.g-star.com
To enhance the entire website using eCommerce technologies also added new locals to the website

Credit Suisse
Test Manager
March 2011 - July 2013 (2 years 5 months)
Zurich

Private Bank FX/MM Treasury Manager - EUROM Project

uTest
Test Analyst (Contractor)
2010 - 2011 (1 year)
London, United Kingdom

Achievement- Delivered multi Cloud based apps for clients, including Quickbase, Facebook and Mobile Gmail apps with testers and developers offshore

DSB Bank
Test Analyst
2008 - 2010 (2 years)

Onze Lieve Vrouwe Gasthuis
Test Analyst
2006 - 2008 (2 years)

MCFE
IT Business Support
March 2002 - December 2003 (1 year 10 months)

IBM
Test Analyst (UAT)
January 2000 - February 2002 (2 years 2 months)

UAT

Test Paln

Test Strategy

Stakeholder Management

Education

University of Oxford
Taking Software and Digital Ideas to Market · (2017 - 2017)

Kingston University
B.Sc (Hons), Cyber Security and Computer Forensic with Business
Management · (2006 - 2009)

ISEB Foundation Certificate In Software Testing
ISEB Foundation Certificate In Software Testing, SOFTWARE TESTING
QA · (2009 - 2010)

ICT College Amsterdam
ND, Computer Science · (1997 - 1999)

Product School
Product Management