Andrew J.

Cloud Engineer | AWS | Infrastructure as Code

Germany • No Visa Required • elasticpurple.com • linkedin.com/in/elasticpurple • github.com/jtlab-studio

PROFESSIONAL SUMMARY

Cloud Engineer with hands-on AWS experience including Terraform & GitHub Actions CI/CD. Seevral years in Customer Success Management for AI/ML model building and deployment, application security, and penetration testing engagements. Managed client relationships and coordinated cross-functional projects at Altair RapidMiner and Pentera Security. AWS Certified with additional hands-on traditional ML experience, plus cloud security training via Pwned Labs. Currently pursuing AWS SAA certification.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (EC2, S3, Lambda, CloudFront, DynamoDB, Route53, CloudFormation), Infrastructure as Code, Terraform, CI/CD with GitHub Actions, Serverless Architecture

Security & Compliance: Network & Web Penetration Testing, AWS Cloud Penetration testing

Development & Scripting: HTML & CSS, Python, JavaScript, Full-Stack Development

AI/ML & Data: Traditional ML & Generative AI, Data Analytics, Pandas & Numpy

Soft Skills: Customer Success Management, Technical Advisory, Stakeholder Communication, Project Management, Cross-Functional Collaboration

CERTIFICATIONS

AWS Solutions Architect Associate *(In Progress)*	**AWS Certified AI Practitioner**	**Amazon Cloud Red Team Pro Bootcamp**
Hashicorp Certified Terraform Associate (003)	**AI Product Manager**	**Junior Penetration Tester (eJPT)**
AWS Cloud Practitioner Course	**Predictive Analytics for Business**	**InfoSecurity Management Principles (CISMP)**

PROFESSIONAL EXPERIENCE

Cloud Solutions Architect & Technical Upskilling
Aug 2024 - Present

Elastic Purple

Focused on cloud architecture upskilling, completing AWS certifications, security training including AWS cloud pentesting, refreshing AI/ML knowledge and extending it with GenAI plus prompt engineering, and building serverless applications using AWS services, Terraform, and CI/CD pipelines. Independent cloud engineering projects with production deployments on AWS & undertaking MSc Computer Science online.

Enterprise Customer Success Manager
Apr 2023 - Jul 2024

Pentera Security - Continuous Security Validation & Pentesting

Collaborated with penetration testers to review security assessments, developed security strategies with enterprise stakeholders, and managed technical onboarding for clients deploying continuous security validation solutions.

Customer Success Manager & Global CS Team Lead
Apr 2018 - Mar 2023

Altair RapidMiner - Data Analytics & AI Model Building

Led global customer success initiatives for AI/ML platform serving Fortune 500 clients, conducting AI assessments, managing stakeholder relationships, and coordinating cross-functional teams for enterprise accounts.

Business Development Manager
Nov 2016 - Apr 2018

Veracode - Application Security (SAST/DAST)

Qualified technical sales leads and advised enterprise clients on application security requirements, delivering SAST/DAST demonstrations and supporting security solution implementations.

KEY PROJECTS

Cloud Resume Challenge - Serverless Portfolio Website

- Implemented via AWS Console/CLI before migrating to Terraform:
  S3 static hosting, CloudFront CDN, Lambda functions, DynamoDB database, Route53 DNS, and ACM certificates
- Automated infrastructure provisioning using Terraform with modular design for maintainability and scalability
- Built CI/CD pipeline with GitHub Actions for automated testing, deployment, and cache invalidation
- Implemented visitor counter with Lambda Functional URL instead of API Gateway and DynamoDB backend
- Applied security best practices including WAF rules, IAM least privilege, and HTTPS encryption

EDUCATION

MSc Computing - City St George's, University of London
In Progress

Focus: Cloud Computing & Digital Trasnformations using Cloud Technologies, AI, Big Data Analytics, Cybersecurity

BEng (Hons) Civil Engineering - Kingston University London
Completed