

Stuart Brophy

Infrastructure Engineer specialising in Cloud, Automation, and Security.

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SUMMARY

Infrastructure Engineer specialising in AWS cloud (Connect, Lambda, S3, DynamoDB, EC2) and process automation/RPA, with a degree in Cybercrime & IT Security and hands-on experience in regulated environments.

Experienced delivering Python-based scripting/serverless workflows, CI/CD and IaC using Terraform and CloudFormation, plus middleware (MuleSoft/Anypoint, IBM MQ) and data protection. Strong in DevOps best practices, incident response and disaster recovery/fail-over planning, and confident leading agile ceremonies and cross-team calls.

EXPERIENCE

Unum Ireland, Carlow — Infrastructure Engineer

Jan 2024 - PRESENT

- Engineer on an Amazon Connect contact centre platform, developing and maintaining AWS infrastructure across Lambda (Python), EC2, DynamoDB, and S3 — proactively diagnosing production errors, optimising execution efficiency, and eliminating data discrepancies across integrated cloud services.
- Delivered RPA solutions automating agent login flows and real-time PII synchronisation between telephony and internal systems, reducing repetitive manual effort for call centre agents at scale across daily operations.
- Own end-to-end incident management — performing root cause analysis across cloud and on-prem platforms, driving fixes through testing, and managing stakeholder and user communications throughout; active contributor to disaster recovery planning and critical incident response calls.
- Serve as enterprise Application Owner for a business-wide automation platform, overseeing onboarding, training, licensing, and deployments; recognised as Subject Matter Expert for Microsoft Power Automate, consulted by cross-functional teams on integrations, rollout plans, and troubleshooting.
- Contribute across CI/CD pipelines and IaC (Terraform/CloudFormation), with hands-on involvement in Salesforce, MuleSoft, and ServiceNow releases, migrations, and

SKILLS

Cloud, IaC, CI/CD, Linux, Networking
IAM, Incident Response, Monitoring
Automation/Scripting, Python, PowerShell, Bash
PHP, Microservices, Version Control, Databases
Middleware
Troubleshooting, Problem Solving, Communication, Agile/Scrum

Certifications

AWS: Cloud Practitioner

SAFe6: for Teams

SAFe6: Scrum Master (SSM)

Carlow Chamber: GDPR & Drafting Data Protection Policies

TryHackMe: Complete Beginner, Pre Security, Intro to Cyber Security, DevSecOps, Web Fundamentals

LANGUAGES

English & Irish

cloud cost optimisation initiatives — frequently extending beyond direct team scope to unblock delivery.

- Active member of the Security Champions programme and Digital Automation Team, driving security awareness across the infrastructure team and volunteering engineering capacity for business-wide automation initiatives; mentored an infrastructure intern and represented Unum at school outreach events promoting technology careers.

CGL Retail Solutions, Carlow — Designer & IT Administrator

Mar 2015 - Sep 2021

- Led end-to-end client projects, combining design delivery with documentation and presentations while supporting day-to-day operations in a busy retail solutions environment.
- Managed company IT systems (servers, workstations, network and storage) and acted as Data Protection Officer, overseeing incident resolution, GDPR compliance and data protection policies.

Design North, Louth — Jr. Web Developer

Mar 2013 - Sep 2013

- Developed and maintained client websites (HTML, CSS, JavaScript, PHP) and supported system administration tasks (IIS, MySQL) under senior developer guidance.

EDUCATION

South-East Technological University, Carlow

BA in Cybercrime & IT Security (Grade 1:1)

Sep 2021 - Sep 2024

Carlow Institute, Carlow

QQI Level 5 in Computers & Networking (Grade Distinction)

Sep 2020 - Sep 2021

INTERESTS

Cloud Computing, Artificial Intelligence, Cybersecurity, Data Preservation, PC Building, Art & Design.