

Colby Smith | Curricular Vitae

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Summary

AWS-focused DevOps Engineer with 4+ years supporting the UK's leading online bingo platform. Specialising in serverless architecture and CI/CD optimisation with a focus on operational excellence, reliability, performance efficiency and cost efficiency.

Experience

- | DevOps Engineer – Tombola Ltd Ju 2025 – Present
- Leading the migration of Tombola's arcade engines from legacy EC2 to ECS Fargate, implementing Cloudflare load balancing for safe blue/green routing.
 - Standardising infrastructure and pipelines across accounts and environments in multiple countries, improving operational efficiency and consistency across teams.
 - Assisted with improving observability and alerting for Tombola and B2B systems through Dynatrace implementation, improving incident response times up to 50%.
- | Cloud Infrastructure Engineer – Tombola Ltd Nov 2022 – Jul 2025
- Built AWS CodePipeline automation, replacing manual deployments across Engine, Game, and Client teams, reducing deployment overhead by 25-50%.
 - Implemented 'canary' testing systems for arcade engines, allowing developers continuous integration of experimental jackpot engines without impacting customers.
- | Grad. Cloud Infrastructure Engineer – Tombola Ltd Nov 2021 – Nov 2022

Technical Skills

Serverless Architecture (Lambda, API Gateway)	DNS & Networking (Cloudflare, Route 53)	Infrastructure as Code (Terraform, CloudFormation)
CI/CD Pipelines (TeamCity, CodePipeline, GitHub Actions)	Scripting & Automation (Python, Bash, PowerShell)	Communication & Organisation (Jira, Teams, Slack, OpsGenie)
Monitoring (CloudWatch, Dynatrace)	Platform Services (S3, SNS, SQS, EC2)	Containerisation (Docker, ECS Fargate)

Education

BA (Hons) Games Design, First Class Honours | Teesside University | Sep 2018 – Jun 2021
Level 3 BTEC Extended Diploma, D*D*D | Whickham Sixth Form | Sep 2016 – Jun 2018

Certifications

AWS Certified Cloud Practitioner (CLF C02) | Mar 2026 – Mar 2029