# Colby Smith | Curricular Vitae
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## Experience

Tombola Ltd                                                                Wylam Wharf Low Street, Sunderland
Cloud Services & Infrastructure Engineer                              November 2022- Present

- Improved CI/CD Pipelines within TeamCity for multiple teams and projects, as well as assisted in implementing a new pipeline system for our main software using Code Deploy and Code Pipeline.
- Designed and implemented a new 'canary' testing system for our developers to deploy experimental software changes to production without any risk of interfering with production or disrupting live customers.
- Worked out of hours on-call (24/7), as first-line or when needed for specialised issues, to help keep business operation and functionality to the highest standards.

Graduate Cloud Services & Infrastructure Engineer          November 2021- November 2022

- Maintained the integrity and functionality of live tombola servers while assisting to improve its design by migrating all tombola servers onto a more efficient type, causing fewer overloaded servers, resulting in an uptime of over 98%.
- Developed skills and knowledge of AWS systems and used that knowledge to improve and update tombola architecture, by moving from CloudFormation to Terraform across all three environments.
- Collaborated with team members and assisted in updating system scripts, as well as assisting in the implementation of automated scripts and services.

## Technical Skills

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|---|---|---|
| Amazon Web Services (AWS) | IaC (Terraform & CloudFormation) | CI/CD (TeamCity, AWS Code Deploy) |
| Cloud Networking (VPC's, CDNs) | Identity & Access Management (IAM) | Monitoring and Logging (CloudWatch, Kibana) |
| Scripting & Automation | Data Management | Cost Optimization |

## Education

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|---|---|
| BA(Hons) Computer games Design (2:1) | Teesside University 2018 – 2021 |
| 3 x Level 3 BTEC's (distinction-merit) | Whickham sixth from 2016 – 2018 |
| 10 x GCSE's (A*-C) & BTEC ICT (distinction) | Whickham comprehensive 2010 – 2016 |

## References

References are available upon request.