

Edward Bird

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Profile

Senior Platform Engineer with 10+ years in IT and 7+ years of hands-on DevOps experience. Specialising in platform engineering, cloud architecture, and infrastructure automation at scale. Currently managing multiple Kubernetes clusters serving over 1,000 services, supporting a 100 person development team and hosting applications used by tens of thousands of users daily. Proven track record of delivering large-scale cloud migrations, modernising legacy infrastructure, and embedding CI/CD best practices across engineering teams.

Technical Skills

Cloud	AWS (EKS, EC2, S3, RDS, CloudFront, DynamoDB, Lambda, IAM), Azure (Entra ID, SignalR), GCP
Containers	Kubernetes, Docker, Helm
IaC	Terraform, CloudFormation
CI/CD	ArgoCD, Jenkins, Azure DevOps Pipelines, GitHub Actions
Networking	Kong API Gateway, Nginx, Traefik
Messaging	RabbitMQ, Kafka
Scripting	Python, Bash, PowerShell
Observability	Datadog, Prometheus, PagerDuty
Backup/DR	Rubrik
Other	GitHub, Bitbucket, Linux, Windows Server

Work Experience

Senior Platform Engineer | Mortgage Advice Bureau | 2023 - Present

- Migrated on-premise backup systems to Rubrik, improving recovery capabilities and security
- Migrated CI/CD pipelines and repositories from Bitbucket to GitHub, improving and standardising CI builds
- Managed and maintained IT infrastructure, including 10+ Kubernetes clusters running approximately 1,000 microservices
- Collaborated with multiple teams to design scalable, resilient platform solutions across a 100 person development organisation
- Defined and enforced security standards across CI/CD pipelines and cloud infrastructure, integrating AWS SSO and Control Tower
- Maintained monitoring and alerting standards across infrastructure, utilising Datadog on-call
- Drove DR planning and disaster recovery testing across cloud environments
- Integrated AI tooling and best practices to improve speed and quality of development and monitoring

DevOps Engineer | Mortgage Advice Bureau | 2020 - 2023

- Migrated on-premises systems and infrastructure into AWS, building out an EKS-based container platform
- Migrated Docker Swarm systems to Kubernetes, improving scalability and operational maturity
- Designed and built a platform integrated telephony solution via AWS Connect
- Worked cross functionally with development teams to implement CI/CD pipeline and build improvements
- Managed infrastructure as code using Terraform across multiple environments
- Implemented monitoring and alerting with Datadog and PagerDuty

DevOps Engineer | Picsolve International | 2018 - 2020

- Supported AWS platform and cloud-based photography systems across a global estate
- Developed CI/CD scripts and tooling for a cloud-based photo capture solution
- On call 24/7 supporting operations in Asia, US, and Europe
- Solely responsible for platform systems at Caesars Palace Las Vegas and Dubai Parks and Resorts

Technical Support (1st-3rd Line) | Picsolve International | 2015 - 2018

- Progressed from 1st Line to 3rd Line support over three years
- Resolved escalated technical issues, trained staff, and defined processes
- Implemented the RMM platform Datto across a global estate

Education

- De Montfort University | B.A. Hons. History and Journalism | 2:1 | 2010 - 2013
- A-Levels in English Language, Geography, and History | Chellaston Sixth Form