

Marcin Cuber

marcincuber.github.io

Principal Cloud Engineer & Lead Cloud Native Developer

Curriculum vitae

London, United Kingdom

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PROFILE

Principal Cloud Engineer and Lead Cloud Native Developer with 10+ years designing and operating production platforms across financial services, healthcare and media. Combines architecture ownership with hands-on delivery across AWS, EKS and Kubernetes, Terraform, GitOps and CI/CD—from multi-account landing zones, identity and network boundaries to cluster lifecycle, autoscaling, workload delivery and observability. Builds multi-region platforms for regulated, latency-sensitive and high-traffic workloads, treating reliability, security and cost as architecture constraints rather than post-production controls.

Leads platform engineering and DevSecOps from technical strategy through implementation: codifying reusable infrastructure, policy-as-code, least-privilege access, software supply-chain controls, SLOs, incident learning and FinOps guardrails into paved delivery paths. Translates business and regulatory requirements into pragmatic standards, design decisions and operating models while remaining close to code and production behaviour. Extends impact through engineering mentorship, open-source Terraform and Kubernetes implementations, and technical writing that turns operational lessons into repeatable engineering practice.

EXPERIENCE

Lead Cloud Native Developer

Capgemini · 2026 — present

Combining hands-on engineering and technical leadership to build resilient, modern cloud-native systems for large-scale client environments.

Principal Cloud Engineer · DevOps Technical Lead

Dare · 2022 — 2026

Set platform direction and led hands-on delivery for a secure multi-region EKS trading platform using Terraform and Flux, improving latency by 30%. Standardised Control Tower provisioning, policy-as-code and FinOps, cutting account setup time by 70% and targeted RDS/Redis costs by at least 50%.

DevOps Technical Lead

Limejump · 2021 — 2022

Led platform and SRE practices for energy optimisation systems, introducing structured on-call, runbooks and blameless postmortems. Standardised delivery with EKS, CircleCI, Flux, Vault and Terraform Cloud/Sentinel, while migrating Airflow v1 to managed Airflow v2.

Lead DevOps Engineer

uMotif · 2019 — 2021

Progressed from Senior to Lead DevOps Engineer while building regulated multi-region platforms across Ireland, North Virginia and Beijing. Delivered EKS/ECS foundations, reusable Terraform modules, GitLab CI security gates, identity integration and regional data-residency controls for clinical applications.

Cloud DevOps Engineer

News UK · 2018 — 2019

Rolled out production EKS platforms with Helm and Flux, standardising DNS, secrets and observability with New Relic and Datadog. Reduced compute costs by approximately 49% through autoscaling, Spot capacity and Kubecost-guided rightsizing.

Software Engineer

The Times · 2016 — 2018

Developed Node.js and Express APIs plus Docker delivery pipelines for a high-traffic digital news product. Built AWS serverless workflows with Lambda, API Gateway and DynamoDB, supported by TeamCity, Datadog and ELK telemetry.

EDUCATION

MEng (Master of Engineering), Computer Science

University College London · 2012 — 2016

Four-year integrated master's degree with Upper Second-Class Honours, including research in security, data visualisation, transport-network optimisation and a Python modal-logic theorem solver.

A Levels & BTEC National Diploma

South Cheshire College · Before UCL

IT, Mathematics, Further Mathematics and an Extended Project Qualification.

CREDENTIALS EARNED

Claude Certified Developer - Foundations
Anthropic

AWS Certified CloudOps Engineer — Associate
Amazon Web Services

AWS Certified Solutions Architect — Associate
Amazon Web Services

AWS Certified AI Practitioner
Amazon Web Services

HashiCorp Certified: Terraform Associate
HashiCorp

GitHub Administration
GitHub

GitHub Foundations
GitHub

GitLab Certified Associate
GitLab

New Relic Certified Performance Pro
New Relic

Prefect Associate Certification
Prefect

Akamai DevOps Professional
Akamai

Akamai Bot Manager Advanced
Akamai

TECHNICAL EXPERTISE

Cloud architecture

Multi-account AWS estates, landing zones, network boundaries and resilient multi-region design, with working knowledge of GCP and Azure.

- AWS Organizations & Control Tower
- VPC, IAM, Route 53 & CloudFront
- ECS, Fargate, Lambda, RDS & event services

Kubernetes platforms

Production EKS architecture with controlled tenancy, capacity, upgrades and a coherent add-on lifecycle.

- EKS, GKE, Karpenter & KEDA
- Helm, operators & service mesh
- Pod security & admission policy

Infrastructure & GitOps

Versioned, reviewable infrastructure and application delivery with small blast radii and reliable promotion.

- Terraform module engineering
- Python & Bash automation
- Argo CD, Flux CD & progressive delivery
- GitHub Actions & GitLab CI

DevSecOps

Identity-first security, automated guardrails and software supply-chain controls embedded into delivery.

- OIDC, RBAC, ABAC, SCPs & permission boundaries
- Parameter Store, Secrets Manager & External Secrets
- Cert-manager, signing, Trivy & policy as code

SRE & observability

Telemetry and reliability practices that turn production behaviour into actionable engineering feedback.

- Prometheus, Grafana, New Relic & Datadog
- SLIs, SLOs & error budgets
- Tracing & incident learning

Technical direction

Architecture strategy translated into standards, mentoring, pragmatic roadmaps and hands-on delivery.

- Design reviews & decision records
 - Team growth & engineering standards
 - FinOps, risk and stakeholder alignment
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OPEN-SOURCE ORGANISATION

Native Cube

I own Native Cube, a collection of free browser tools for Kubernetes, Helm, RBAC, subnet planning and YAML/JSON, alongside reusable AWS Terraform modules.

SELECTED OPEN SOURCE

Amazon EKS platform

marcincuber/eks

Flux platform delivery

marcincuber/kubernetes-fluxv2

Argo CD patterns

marcincuber/argocd

Kubernetes GitLab runners

marcincuber/kubernetes-gitlab-runner

COMMUNITY & RECOGNITION

AWS Community Builder

Contributing practical cloud-native knowledge to the wider AWS community.

New Relic FutureStack speaker

Shared the operational story behind News UK's production move to Amazon EKS.

Published EKS case study

Co-authored the News UK and New Relic story on Kubernetes infrastructure monitoring.