AMRITH KISHORE M

Nottingham, UK | amrithkishore6@gmail.com | github.com/Amrithkishore14
Portfolio: 2026-updated-portfolio.amrithkishore6.workers.dev
Cloud and IT Infrastructure Engineer | AWS and Azure Certified | MSc Cloud and Enterprise Computing

PROFILE

Nottingham-based cloud engineer and MSc Cloud and Enterprise Computing student at Nottingham Trent University, on a placement year as a Junior Cloud Engineer. Certified across AWS, Azure, Oracle Cloud and Google Cloud, with hands-on experience in multi-cloud identity, serverless deployment and DNS migration. Seeking 2027 roles in cloud operations, SRE, IT infrastructure and technology consulting.

EXPERIENCE

Junior Cloud Engineer (Placement Year) | Oct 2026 to Present
Adventum Wealth, Manchester
- Working in the technology function of a regulated wealth management firm, seeing how security and compliance requirements shape cloud and IT decisions in financial services.
- Building and automating cloud environments hands-on alongside the role with Linux, networking, Git, AWS and Python, with Kubernetes and infrastructure as code next.

Lead Web Developer (Summer Internship) | Jul 2026 to Nov 2026
Elmar Risk Management, Gloucester (data protection and compliance consultancy)
- Delivered a 12-page company website in Astro, Tailwind and GSAP, replacing a Wix site, with zero build errors and sub-second builds.
- Deployed on Cloudflare Pages and led the live DNS cutover, moving the domain's nameservers from Wix to Cloudflare.
- Built an AI chat assistant as a Cloudflare Pages Function using Workers AI, with per-IP rate limiting and no conversation storage.
- Produced a 31-page technical proposal with seven architecture diagrams, and implemented SEO, WCAG AAA contrast and accessible forms.

Freelance Cloud Consultant | Jun 2024 to Present
Self-employed
- Advising small businesses on cloud architecture, hosting, security and cost-effective deployment.

PROJECTS

CAIM-MC: Cloud AI Identity Manager for Multi-Cloud Environments | MSc Dissertation · live demo on portfolio
- Designed and deployed a cross-cloud identity security system using OIDC federation between Azure Entra ID and AWS STS.
- Detected anomalous identity behaviour with Isolation Forest at a 4.3% false positive rate, coordinating two LLM agents (Claude Haiku) for analysis and response.
- Automated dual-cloud credential revocation with a 1.57-second end-to-end time, monitored through a React and FastAPI dashboard.

Equity Investor Club Platform | Founder · Node.js, Express, SQLite, Docker
- Built the platform for my financial-literacy community: secure login (bcrypt with pepper, server-side sessions), an admin dashboard, a SIP calculator and PDF certificates, containerised with Docker.

Serverless Sentiment Message Router | Freelance · AWS Lambda, Comprehend, S3, IAM
- Built an event-driven AWS pipeline that scores incoming messages with Amazon Comprehend and routes urgent ones first, with least-privilege IAM and CloudWatch monitoring.

EDUCATION

MSc Cloud and Enterprise Computing | Sep 2025 to 2027
Nottingham Trent University, Nottingham
High Achiever Prize, Department of Computer Science, for excellent performance in Microsoft Azure AI Fundamentals.

B.E. Computer Science Engineering | Nov 2021 to May 2025
R.M.D. Engineering College, Chennai, India

CERTIFICATIONS

- AWS Certified Solutions Architect Associate; AWS Certified Cloud Practitioner
- Microsoft Azure Fundamentals (AZ-900); Microsoft Azure AI Fundamentals; Oracle Cloud and Google Cloud certifications

TECHNICAL SKILLS

Cloud: AWS (IAM, STS, EC2, S3), Microsoft Azure (Entra ID), Cloudflare (Pages, Workers AI, R2, DNS), Oracle Cloud, Google Cloud
DevOps and Tools: Linux, Git and GitHub, CI/CD, serverless functions, DNS and networking fundamentals
Development: Python, FastAPI, TypeScript, React, Next.js, Astro, Tailwind CSS, PostgreSQL and Prisma, SEO