

Jeeva Balakrishnan

Senior Platform Engineer | Solutions Architecture | United Kingdom

LinkedIn: <https://www.linkedin.com/in/jeevabalakrishnan/>

GitHub: <https://github.com/JeevaByte>

Writing: <https://medium.com/@jeevabyte>

PROFILE

Cloud and platform engineer with experience across AWS infrastructure, Terraform, Kubernetes, CI/CD and cloud operations. Focused on secure, operable platforms and developing AI infrastructure capabilities.

CORE SKILLS

AWS | Terraform | Kubernetes / EKS | CI/CD | Linux | Python | Observability | Cloud security | Solutions architecture

EXPERIENCE

Senior Platform Engineer | Kainos

Mar 2026 - present | Full-time | Northern Ireland, United Kingdom | On-site

Building secure, scalable cloud platforms for AI-driven applications, with a focus on cloud-native infrastructure, deployment, monitoring and optimisation of machine-learning workloads. Working with cross-functional teams across DevOps, MLOps, infrastructure as code, CI/CD, containerisation and Kubernetes. Areas of focus include multi-cloud infrastructure, automation, observability and reliability.

Solutions Architect | Hexango

Oct 2025 - Feb 2026 | Freelance | Remote

Designed cloud-native architectures and intelligent automation for enterprise use cases, including contributions to Foretale.ai, an AI-driven risk and compliance platform. Architected cloud infrastructure and DevOps pipelines, implemented backend systems for data processing and analysis, and integrated AI-driven compliance checks and anomaly detection. Developed Procure-to-Pay risk detection for duplicate invoices, payment mismatches, and pricing or quantity discrepancies.

AI Infrastructure Engineer | Upwork

Oct 2024 - Feb 2026 | Freelance | Leeds, United Kingdom | On-site

Designed multi-account AWS environments with Terraform, including EKS, segmented VPCs, ALB ingress, RDS and IAM. Built CI/CD pipelines with GitHub Actions and Jenkins for containerised AI services and reusable infrastructure modules. Implemented observability with CloudWatch, Prometheus, Grafana and X-Ray; supported incident response and root-cause analysis across EKS and RDS. Worked on least-privilege IAM, KMS encryption, GuardDuty, vulnerability scanning and resource optimisation.

Solutions Architect | AS23.Space

Oct 2024 - Sep 2025 | Part-time / Contract | Leicester, United Kingdom | On-site

Designed AWS infrastructure using Terraform, including VPC networking, IAM, EC2, RDS and secure connectivity. Created reusable infrastructure modules and monitoring with CloudWatch dashboards and alarms. Supported troubleshooting across networking, compute and databases, reviewed cost optimisation opportunities, and developed operational runbooks and handover documentation.

Jeeva Balakrishnan

EXPERIENCE / CONTINUED

Technical Consultant / Senior Cloud Engineer | Perficient

Feb 2022 - Aug 2024 | Full-time | Chennai, India | On-site

Managed AWS infrastructure for enterprise clients. Built and maintained CI/CD pipelines and containerised workloads with Docker and Kubernetes. Applied Terraform for infrastructure automation and worked with developers and security teams on incident resolution, platform reliability, cloud cost optimisation and operational practices.

Cloud Operations Engineer | Tata Consultancy Services

Jan 2021 - Feb 2022 | Full-time | Chennai, India | On-site

Managed AWS workloads across EC2, S3, RDS, Glue and Redshift, with attention to security, performance and compliance. Built data pipelines with AWS Glue and automated routine tasks using CloudFormation, Lambda and Bash. Implemented monitoring and alerting and optimised cloud resource usage.

Senior Technical Associate | Wipro Limited

Oct 2018 - Jan 2021 | Full-time | Chennai, India

Managed deployment and operations of Cloudera Enterprise clusters in public and private cloud environments. Tuned Hadoop, EMR and data-lake workflows for performance. Implemented backup and disaster-recovery strategies, collaborated on enterprise big-data integrations, and improved resource usage through automation.

System Engineer | Cognizant

Oct 2017 - Sep 2018 | Full-time | Chennai, India

Provided enterprise IT support across Linux and Windows server environments, including monitoring, incident resolution and server administration. Managed user accounts, access controls and security patches with Active Directory. Supported server and application upgrades, backup operations and disaster recovery.

EDUCATION

MSc in Cloud Computing | Distinction

University of Leicester | Sep 2024 - Sep 2025

Master's degree in Information Technology | Distinction

University of Madras | Jan 2019 - Jan 2021

Bachelor's degree in Commerce with Computer Application | Merit

Shanmugha Arts, Science, Technology and Research Academy | 2014 - 2017