

Ashish Devashi

Cloud Engineer | AWS | DevOps | Backend & Full-Stack Engineering
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PROFESSIONAL SUMMARY

Cloud Engineer with ~4 years of software engineering experience and a Master's in Cloud Engineering (Cloud Architecture, DevOps & Automation, Distributed Systems, Big Data & Cloud Analytics). Hands-on experience building and deploying cloud-native applications on AWS using Golang, Docker, Kubernetes, and Terraform, including an end-to-end FinOps platform (CloudSight) for AWS cost forecasting and anomaly detection. Proven track record implementing CI/CD pipelines, automated release workflows, and OTA update systems that reduced manual deployment effort and improved release velocity. Strong backend and full-stack foundation across REST APIs, distributed data stores, authentication/SSO, and multi-account cloud integrations, with direct exposure to IAM, S3, and infrastructure-as-code. Seeking to apply this combined cloud infrastructure and software engineering background in a Cloud Engineer / DevOps / Cloud Platform Engineer role.

CORE SKILLS

- **Cloud & Infrastructure:** AWS (IAM, S3, CUR/Cost Explorer, Cost & Usage Reports), Cloud Cost Optimization (FinOps), Multi-Account AssumeRole Architecture, Cloud-Native Application Design
- **DevOps & Automation:** CI/CD Pipeline Design, Docker, Kubernetes, Terraform (IaC), Release Automation, OTA (Over-the-Air) Deployment, Linux
- **Languages:** Go (Golang), TypeScript, JavaScript, Python, Java
- **Backend & Data:** Node.js, Express.js, REST APIs, MongoDB, PostgreSQL, MySQL, Elasticsearch, Prisma, Mongoose, ETL Pipelines
- **Frontend & Mobile:** React, React Native, Next.js, Expo, Redux, Zustand, Tailwind CSS
- **Tools & Practices:** Git, GitHub, Jira, Agile/Scrum, Firebase Authentication, Microsoft SSO, Monitoring & Forecasting

FEATURED CLOUD PROJECT

CloudSight — AI-Driven Cloud FinOps Platform (AWS, Golang, Python, Docker, Kubernetes, Terraform, PostgreSQL, S3)

- Built a cloud-native FinOps platform that connects to customer AWS environments to forecast upcoming billing costs and surface real-time cloud spend visibility.
- Designed a Golang- and Python-based microservices architecture, integrating AWS Cost & Usage Reports (CUR) ingestion pipelines for large-scale billing data processing.
- Developed cost anomaly detection and forecasting modules to proactively flag unexpected AWS spend and predict future billing trends.
- Implemented IAM AssumeRole-based multi-account AWS integration, enabling secure, centralized cost analysis across multiple customer accounts.
- Containerized and deployed the platform using Docker and Kubernetes, with Terraform-managed infrastructure-as-code for repeatable, scalable environments.
- Designed ETL pipelines for cloud billing analytics and built REST APIs powering cost recommendations and usage-insight dashboards.

WORK EXPERIENCE

ASUS India Pvt Ltd.Mumbai

Mobile Application Developer July 2025 – Present

- Implemented a **CI/CD pipeline** for mobile application build and distribution, reducing manual deployment effort and improving release turnaround time.
- Researched, proposed, and implemented an **Over-the-Air (OTA) update solution** for the mobile application, enabling faster patch delivery without full app-store release cycles.
- Contributed to release management and deployment automation, streamlining build, versioning, and rollout processes across releases.
- Led the complete redevelopment of the company's e-sales mobile application as the sole developer, delivering a large-scale application with **150+ screens** within a 6-month timeline.
- Developed a geo-fence-based employee attendance system, integrating location services for real-time, location-aware tracking.
- Delivered 3 major application features within a one-week critical release deadline while maintaining application stability.

- Collaborated with a cross-functional team of **15+ members** (developers, project managers, QA) and coordinated with international ASUS teams to translate business requirements into deployment-ready features.
- Contributed to application architecture, API integrations, and performance optimization; integrated **Microsoft SSO authentication** to secure enterprise access.

Microtex Clothing Pvt Ltd.Mumbai

Full-Stack Developer June 2024 – June 2025

- Acted as the sole developer for the company's e-commerce platform, owning end-to-end architecture, deployment, and infrastructure decisions while aligning technical delivery with business goals — full ownership of the software lifecycle from design through production.
- Engineered advanced **MongoDB aggregation pipelines** and optimized complex multi-table queries to improve data-handling performance at scale.
- Integrated **Elasticsearch** into core APIs to power efficient search, filtering, and analytics — building the kind of monitoring/insight tooling central to cloud observability.
- Developed a **shipment management system** with real-time tracking and dynamic logistics-provider integration, requiring reliable, scalable service-to-service communication.
- Implemented **Firebase Authentication** across app and backend layers, strengthening application security posture.
- Migrated complex designs from Figma to production and built/maintained both the main app and an internal admin app with synchronized deployments.

EDUCATION

Manipal University (Jaipur)Aug 2024 – Present

Master of Computer Application (MCA) — Specialization relevant to Cloud Engineering

- Coursework: Cloud Architecture and Infrastructure, Distributed Systems and Computing, DevOps and Automation, Big Data and Cloud Analytics

Gujarat University (Daman, U.T.)Jan 2021 – Mar 2024

Bachelor of Computer Application (BCA) — CGPA: 8.0

- Coursework: Web Development, App Development, Data Structures & Algorithms, OOP, Computer Networks

CERTIFICATIONS & ADDITIONAL INFO

- Certifications: Decoding DevOps - Basic to Advanced (Udemy), React Native Practical Guide (Udemy), The Back End Engineer (Udemy)
- Languages: English, Hindi, Gujarati, Rajasthani, Marathi
- Hobbies: Travelling, Reading