

Mohd Arshad

Technical Lead & Senior DevOps Engineer

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PROFESSIONAL SUMMARY

Innovative and results-driven **Technical Lead** with **5+ years** of experience in building cloud-native, scalable applications as a **Technical Lead - Full Stack & Sr. DevOps Engineer**. Proficient in Python, React, AWS, and Kubernetes, with a proven track record in system optimisation and high-performance delivery.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, GoLang, SQL, Bash

Frameworks: Django, Flask, FastAPI, PySpark, Sanic, Reactjs, NextJs

DevOps: Docker, Kubernetes, Terraform, GitHub Actions, Jenkins

Cloud: AWS Services, GCP, Azure, Heroku

Testing: PyTest, Jest, Chai, Cypress

Databases: PostgreSQL, MySQL, MongoDB, Redis, DynamoDB, CosmoDB, DjangoDB

Monitoring: Prometheus, Grafana, ELK Stack.

Integrations: PayPal, RazorPay, Shopify, HubSpot, Salesforce, MailChimp, ZOHO

Other: OAuth2, WebSockets, REST/GraphQL APIs, CI/CD, AI/ML (GPT, Pinecone)

PROFESSIONAL EXPERIENCE

Technical Lead - Full Stack and Senior DevOps Engineer | Cloud Analogy Pvt Ltd

2025 – Present

- Led serverless micro-services development using FastAPI and AWS Lambda.
- Automated CI/CD pipelines using GitHub Actions, reducing release cycles by 40%.
- Implemented system architecture diagram auto-generation and storage using CI tools.
- Designed user-friendly websites with optimised checkout pages, boosting user clicks by 5% and customer purchases by 31%.

Senior Full Stack Developer and DevOps Engineer | Cloud Analogy Pvt Ltd

2022 – 2025

- **Engineered** Django–React CRM portals; migrated apps to AWS EC2 and RDS.
- **Architected** RBAC and implemented real-time messaging with Redis and WebSockets.
- **Collaborated** with teams to debug and resolve critical software bugs.
- **Integrated** CI/CD using GitHub Actions, enabling faster deployment and reduced manual errors.
- **Optimised** API performance and database queries, improving system response time by 30%.

Full Stack Developer | Cloud Analogy Pvt Ltd

2020 – 2022

- **Delivered** full-stack B2B platforms for healthcare and finance using modern web frameworks.
- Built interactive dashboards with Plotly.js and conducted regular code quality audits.
- Trained 45+ junior developers on frontend/backend workflows and internal update procedures.
- Managed end-to-end SDLC for 9 key projects with 100% on-time delivery and 7% under budget.

KEY PROJECTS

- **Lawyer Portal (FastAPI - ReactJS - AWS)** : Built a secure portal for lawyers to upload, index, and query legal PDFs using AI with SSO, redlining, and form-filling features.
- **AudioSense (Flask - ReactJS - GCP)**: Developed an AI-based tool that converts user audio into text summaries using GPT and vector search for real-time insights.
- **Sys Admin (Django - ReactJS - AWS)**: Created an admin dashboard to manage sensors, sites, users, and device events with advanced analytics and scheduling.
- **B2B Contact Centre (FastAPI - NextJS - AWS)**: Engineered a multi-channel customer service platform with real-time chat, role-based access, and CRM integrations.
- **Serverless Sync Management**: Orchestrated IaC-based, cost-efficient Lambda workflows with Terraform and API Gateway (AWS).
- **Food API (Django - ReactJS - AWS)**: Developed a scalable API and frontend for managing food items, orders, and restaurant dashboards with authentication.
- **Bank Loan System (Flask - ReactJS - AWS)**: Built a banking portal to manage loan applications, approvals, and document workflows with user-role segregation.
- **Incubator (Django - ReactJS - AWS)**: Developed a startup incubator platform with seamless integrations to CRM tools like Salesforce, MailChimp, and Zoho for automated outreach.
- **Task Management System (FastAPI - ReactJS)**: Built a real-time task tracking and collaboration tool with role-based access, notifications, and status workflows.
- **E-commerce API (FastAPI - ReactJS - AWS)**: Designed a headless e-commerce backend with product, order, and payment modules, integrated with a responsive React frontend.
- **HRMS Portal**: Delivered a cloud-native HR suite with payroll, leave, performance, and attendance modules (Django, React, GCP).

EDUCATION

B.Tech in Computer Science — Integral University, Lucknow UP, 2020

CERTIFICATIONS

- AWS Certified Developer Associate (2024)
- Python Data Science – IBM (2022)
- Data Visualisation Python – IBM (2022)
- Machine Learning Python – IBM (2022)

INTERESTS

Cloud architecture, Serverless tech, Ethical hacking, AI/LLM tooling, GenAI.