

Vedansh Mehra

Cloud DevOps Engineer — Solution Architect-Associate

📞 +91-9717894739 | 📩 vedanshmehra1999@gmail.com | 💬 linkedin.com/in/vedanshmehra | 🌐 Delhi, India

PROFESSIONAL SUMMARY

Cloud Engineer with 3.5+ years of experience designing, deploying, and managing scalable cloud infrastructure on AWS and GCP. Expert in cloud migrations, backup management, disaster recovery, and DevOps practices with proven ability to optimize costs and enhance system reliability. AWS Certified Solutions Architect with strong foundation in automation, CI/CD pipelines, and infrastructure as code.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, RDS, VPC, IAM, CloudWatch, Lambda, ECS, CloudFormation, CodePipeline), Google Cloud Platform (GCP), Microsoft Azure

DevOps & Automation: Jenkins, Git, AWS CodePipeline, CI/CD, Infrastructure as Code, Configuration Management

Backup & Recovery: Disaster Recovery Planning, Data Integrity Management, High Availability Architecture

Monitoring & Security: CloudWatch, IAM Security, Performance Monitoring, Cost Optimization, Troubleshooting

Operating Systems: Linux (Ubuntu, CentOS, RHEL), Windows Server

Development: Front-End Web Development (HTML, CSS, JavaScript), Python, Bash Scripting

Certifications: AWS Certified Solutions Architect - Associate

PROFESSIONAL EXPERIENCE

Cloud DevOps Engineer

Motherson Technology Services Limited

July 2022 – Present

Noida, Uttar Pradesh, India

- Architected and deployed secure, scalable cloud infrastructure on AWS serving multiple business units, reducing infrastructure costs by implementing resource optimization strategies and right-sizing recommendations
- Led cloud migration initiatives from on-premises to AWS, executing lift-and-shift and re-platforming strategies while ensuring zero data loss and minimal downtime during transitions
- Designed and implemented comprehensive backup management and disaster recovery solutions across production environments, achieving 99.9% data integrity and RTO/RPO compliance
- Established monitoring and alerting systems using CloudWatch, creating custom dashboards and automated responses to reduce incident response time by 40% and prevent service disruptions
- Built and maintained CI/CD pipelines using Jenkins and AWS CodePipeline, automating deployment processes and reducing manual deployment time by 60%
- Configured and managed VPC networks, security groups, IAM policies, and network ACLs following AWS Well-Architected Framework principles to ensure robust security posture
- Performed regular security audits, vulnerability assessments, and compliance checks, implementing remediation strategies to maintain adherence to industry best practices
- Managed multi-environment infrastructure (dev, staging, production) across Linux and Windows systems, handling configuration management, patching, and performance tuning
- Collaborated with cross-functional teams including development, QA, and operations to deliver cloud solutions aligned with business objectives and technical requirements
- Provided technical mentorship to team members on AWS services, cloud best practices, and automation techniques, fostering knowledge sharing and team capability development

Front End Web Developer Intern

HELPY_MOTO

September 2021 – November 2021

New Delhi, Delhi, India

- Developed responsive user interfaces for startup web applications using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and optimal user experience
- Mentored new interns on front-end development best practices, code reviews, and agile development methodologies, contributing to team knowledge base and productivity
- Collaborated closely with design and backend teams to implement features, troubleshoot issues, and deliver high-quality web solutions within tight deadlines

EDUCATION

Guru Gobind Singh Indraprastha University	2018 – 2022
<i>Bachelor of Technology in Computer Science — Percentage: 85.81%</i>	<i>New Delhi, India</i>
BGS International Public School	2018
<i>Senior Secondary Education (XII) — Percentage: 66.8%</i>	<i>New Delhi, India</i>
BGS International Public School	2016
<i>Secondary Education (X) — Percentage: 79.8%</i>	<i>New Delhi, India</i>

PUBLICATIONS & ACHIEVEMENTS

Published Research: "Cloud Computing Services and its Application" - Academic publication on cloud computing technologies and practical applications

AWS Certified Solutions Architect - Associate: Validated expertise in designing distributed systems on AWS

Cloud Optimization: Successfully reduced cloud infrastructure costs through strategic resource optimization and automated scaling policies