Saurabh Sharma

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PROFILE SUMMARY

DevOps Engineer with 5+ years of experience designing, automating, and operating large-scale cloud infrastructure across **AWS and GCP**. Strong expertise in CI/CD, infrastructure as code, and container platforms, with a focus on reliability engineering, performance optimization, and AI-assisted monitoring for proactive incident detection.

PROFESSIONAL EXPERIENCE

TATA CONSULTANCY SERVICES.   **Gurugram**
Devops Engineer   **MARCH 2022-Present**

- Implemented Splunk SignalFx for real-time monitoring and automated risk alerting.
- Automated infrastructure provisioning with AWS CloudFormation and managed scalable, secure environments using Docker, Terraform, and OpenTofu.
- Refactored legacy code for production apps, improving usability and reducing runtime by 50%.
- Delivered secure, cloud-native infrastructure and CI/CD solutions for enterprise clients, while driving code optimization and performance improvements.
- Delivered a secure GCP CDN using HTTPS Load Balancer and Cloud Armor, cutting latency by 30%.
- Architected cloud infrastructure using AWS CDK with TypeScript and Python to provision reusable stacks (Lambda, VPC, API Gateway, IAM, etc.).
- Enhanced DevSecOps practices by integrating AI-based log analysis and threat detection to identify abnormal access patterns and improve cloud security posture

DPOD LABS   **Bengaluru**
Software Engineer   **Oct 2020 - Dec 2021**

- Architected and deployed a secure, scalable AWS environment with EC2, S3, and RDS, improving performance by 40%.
- Designed and automated AWS infrastructure with CloudFormation, reducing provisioning time by 70%.
- Developed scalable Python-based APIs with Flask, optimizing serverless handlers and web services.
- Designed high-availability systems with load balancing, fault tolerance, and distributed architecture.
- Expertise in AWS services, with 88-95% proficiency in Lambda, CloudFront, S3, DataSync, EFS, and cloud infrastructure.

MOREYEAHS Inc,   **Indore**
Software Developer   **May 2020 - Oct 2020**

- Developed REST APIs using Django Rest Framework to ensure efficient data handling and processing
- Leveraged AWS services (EC2, S3, RDS, ECS, Elastic Load Balancer, Auto Scaling) for scalable and high-performance data analysis
- Contributed to web development projects with Django and conducted data analysis to derive actionable insights

EDUCATION

Master of Computer Applications	IPS Academy Indore	**2017-2019**
Bachelor of computer Applications	ITM University Gwalior	**2014-2017**

SKILLS

- **Devops**: Jenkins,Docker, Terraform, Ansible
- **Monitoring and Alerting:** Splunk Signal FX, PagerDuty
- **Programming Languages:** Python, JavaScript,
- **AWS:** Amazon EC2, S3, RDS, ELB, Cloud formation,,Lambda,EKS,ECS
- **Automation:** CI/CD, Scripting,Jenkins,Dell Boomi

- **Cloud Technologies:** AWS,GCP
- **Web Development:** Flask, Django
- **Data Visualization:** Power BI, Tableau
- **Versioning Tool:** Git