

## MAYANK PRATAP SINGH

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### SUMMARY

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DevOps Engineer with 3 years of experience in cloud infrastructure, automation, Kubernetes operations, CI/CD, and site reliability engineering. Skilled in designing scalable and secure AWS-based environments, improving deployment pipelines, and reducing operational overhead through automation. Proven track record in managing high-traffic systems (up to 7M users per 5 minutes), reducing alert noise, and enhancing monitoring reliability. Looking for opportunities in Sweden to contribute to modern, cloud-native engineering teams with a strong focus on reliability, scalability, and automation.

### SKILLS

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**Cloud Services:** Amazon Web Services (EC2, VPC, RDS, IAM, Amazon S3, SNS, EKS, ECS, ECR, AWS Secrets Manager, Route 53, KMS), Akamai

**Containerization:** Docker, Kubernetes (EKS), ECS

**CI/CD:** Jenkins, GitLab, CI

**Automation & Orchestration:** Terraform, Ansible

**Distributed Version Control System:** Git, GitLab, GitHub

**Messaging & Event Streaming:** Apache Kafka

**Database Management:** MongoDB

**Monitoring and Logging:** Prometheus, Grafana, Dynatrace, Elastic (ELK) Stack, CloudWatch, Zabbix

**Scripting:** Python, Shell Scripting

**Operating System:** Linux

### PROFESSIONAL EXPERIENCE

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Platform Engineering SRE – Deutsche Telekom Digital Labs, Gurugram

Oct 2024 - Present

- Scaled and optimized infrastructure for large-scale traffic events, handling **6–7 million users every 5 minutes**.
- Designed and maintained monitoring solutions using **Prometheus, Grafana, ELK**, improving visibility across services.
- Reduced false-positive alert noise by **30–40%** through tuning of monitoring rules and alert configurations.
- Built and managed custom dashboards for application performance and production reliability.
- Automated MongoDB scaling operations to support fluctuating data loads.
- Upgraded DevOps toolchain (**GitLab, Jenkins, Nexus, SonarQube**) for improved security and performance.
- Provided 24/7 on-call support, ensuring high availability during critical incidents.

DevOps Engineer – TecOrbs Technologies, Noida

Nov 2022 – Feb 2024

- Architected high-availability AWS cloud infrastructure focusing on scalability, security, and cost optimization.
- Developed CI/CD pipelines using **Jenkins and GitLab CI**, reducing deployment cycle time by 40%.
- Containerized applications using Docker and deployed using Kubernetes and ECS.
- Implemented IaC using Terraform and automated configuration management with Ansible.
- Managed Nginx/Apache web servers with SSL/TLS, DNS, and load balancing.
- Strengthened cloud security through IAM policies, encryption, and environment hardening.
- Improved system reliability using Prometheus, Grafana, and CloudWatch monitoring.

Freelance DevOps Engineer

May 2024 – Oct 2024

- Delivered DevOps solutions for clients including AWS setup, CI/CD optimization, and automation workflows.
- Standardized infrastructure using Ansible & Terraform, reducing configuration drift across environments.
- Automated deployments with Jenkins and Docker, improving release frequency and stability.
- Monitored and optimized client infrastructures for performance and uptime.

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**Bachelor of Technology (Computer Science Engineering)**

AKTU University, Uttar Pradesh

Aug 2019 – Aug 2023

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