

Kaustubh Wagh

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Skills

- **Programming & Scripting Skills:** Python, Golang, Nodejs, Bash, Promql, Logql, Traceql
- **DevOps Tools & Technologies:** Kubernetes, Helm, Docker, Terraform, Ansible, Azure Devops
- **Cloud Platforms:** Google Cloud Platform (GCP), AWS and Microsoft Azure
- **Observability & Monitoring:** Grafana, Prometheus, ELK Stack (Elasticsearch, Logstash, Kibana), Mimir, Loki, Tempo, APM , Profiling, Open Telemetry, Clickhouse
- **Databases & Data Streaming:** MongoDB, Postgresql, Mysql, Cassandra, Redis, Kafka , Cloud Databases

Experience

Site Reliability Engineer , Jio Platforms Limited– Mumbai, India	Oct 2023 – Current
• Observability & Monitoring: Designed and built observability solutions for large systems with clear monitoring, logging, and tracing using tools such as Grafana, Prometheus, Elasticsearch, and Kibana	
• Cloud Infrastructure Management: Worked with multi-cloud platforms (GCP, AWS, Azure) and various cloud services to design reliable, scalable, and cost-effective infrastructures.	
• Datalake: Architected real-time telemetry pipelines using opensource tools and cloud managed services for Analytics and AI Driven projects	
• Infrastructure Automation: Automated infrastructure setup and management using Ansible and Terraform, reducing manual efforts, errors, and cutting infrastructure management costs by 30%	
• CI/CD Pipeline Development: Developed robust CI/CD pipelines using cloud build and azure devops to streamline software development, testing, and deployment, integrating tools like Sonakube and Blackduck for code quality and security.	
• Kubernetes & DevSecOps: Implemented DevSecOps practices and security measures in Kubernetes to secure containerized applications using CNI and CRI and ensure compliance for the overall infrastructure	
• Networking Management: Configured subnets and optimized Kubernetes network settings; implemented advanced ingress solutions using Istio, NGINX ingress controllers, egress gateways, and API gateways	

Education

Savitribai Phule Pune University	Aug 2020 – June 2023
• B.E in Information Technology; GPA: 8.91/10	

Amrutvahini Polytechnic	Aug 2017 – June 2020
• Diploma in Computer Science Engineering; Percentage: 85.14%	

Projects

- **Kubernetes Infrastructure & Monitoring:** Deployed and managed large-scale Kubernetes and GKE clusters, configuring Mimir, Loki, Tempo, APM, and Elasticsearch with Kibana for comprehensive observability across 100+ projects, enabling real-time performance insights
- **Operational Excellence & Resilience:** Streamlined deployments using Helm, ARGO CD, optimized networking and databases, and implemented multi-regional disaster recovery strategies to ensure scalability, high availability, and reliable customer support.
- **AIOps & Intelligent Automation:** Implemented AIOps-driven workflows for anomaly detection, capacity management, and root cause analysis by correlating metrics, logs, and traces using AI/ML models—enhancing system reliability and proactive incident response.

Certifications

Google Cloud Certified Professional Cloud Architect