

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:** AWS, Google Cloud Platform (GCP), and Microsoft Azure
- **Observability & Monitoring:** Grafana, Prometheus, ELK Stack (Elasticsearch, Logstash, Kibana), Mimir, Loki, Tempo, APM, Profiling, Signoz, Open Telemetry, Clickhouse
- **Databases & Data Streaming:** MongoDB, Postgresql, Mysql, Cassandra, Redis, Kafka, RabbitMQ, Yugabyte

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, 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