



## PRASHANTH SATTURI

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### Professional Summary

DevOps Engineer with 1.0 years of IT experience at Wipro in Google maps as process executive, now transitioning into cloud and automation. Skilled in CI/CD using Jenkins, infrastructure provisioning with Terraform, containerization with Docker, and orchestration using Kubernetes. Proficient in deploying workloads with Helm and ArgoCD, and implementing monitoring using Prometheus and Grafana. AWS Cloud Practitioner certified with a strong foundation in networking, Linux systems, and automation practices.

### Professional Experience

#### Wipro Ltd.

Process Executive

Jan 2022 – Jan 2023 | Hyderabad, India

Client: Google Maps

- Executed data quality tasks and geographic analysis for Google Maps, ensuring location accuracy and up-to-date mapping content.
  - Validated and corrected location-based data using internal tools and satellite imagery.
  - Collaborated with global teams to resolve data inconsistencies and optimize map workflows.
  - Maintained productivity and quality benchmarks in a high-volume environment under strict deadlines.
  - Contributed to process improvement initiatives to enhance map data efficiency and accuracy.
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### DevOps Projects

#### 1. CI/CD Pipeline with Jenkins & GitHub

- Built a Jenkins pipeline integrated with GitHub to automate build and deployment of a Node.js application.
- Configured webhooks for automatic triggers and deployed via shell scripting.

#### 2. AWS Infrastructure Automation with Terraform

- Provisioned EC2, S3, and IAM roles using modular Terraform code.
- Used remote state management with AWS S3 and DynamoDB for collaboration and consistency.

### **3. Kubernetes Deployment with Helm & ArgoCD**

- Containerized and deployed applications using Helm charts in a local Kubernetes cluster.
- Implemented GitOps workflows with ArgoCD for declarative deployment management.
- Configured PersistentVolumeClaims for data storage and reuse.

### **4. Monitoring with Prometheus & Grafana**

- Set up monitoring stack in Kubernetes to track resource usage and app metrics.
  - Created dashboards in Grafana for CPU, memory, and pod health metrics.
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## **Certifications**

### **Google Maps Deviations Training**

Wipro/Google – 2022

Completed internal certification focused on identifying, validating, and resolving deviations in geographic and location-based data within Google Maps systems.

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## **Achievements**

### **Highest Run Opener – Batsman Award**

Received the Highest Run Opener – Batsman Award in internal corporate cricket tournaments, recognizing outstanding performance and consistency as a top-order player.

**Education****Bachelor of Engineering – ECE (Electronics&Communication Engineering)**

SREE DATTHA COLLEGE OF SCIENCE&ENGINEERING(SDES)

**Intermediate – MPC**

Sri Naveena jr College Hasthinapuram Hyderabad

**High School**

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