

# YASH PARMAR

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## PROFESSIONAL SUMMARY

DevOps Engineer and Site Reliability Specialist experienced in automating deployments, managing CI/CD pipelines, and ensuring system scalability and uptime across cloud environments. Skilled in Docker, Kubernetes, and monitoring tools with a strong foundation in backend services and distributed systems. Passionate about reliability engineering, performance optimization, and infrastructure as code.

## EDUCATION

Vidyalankar Institute of Technology, Mumbai

2024 – 2027

B.Tech in Computer Engineering

CGPI: 9.53 | Honours: AI & ML

**Core Coursework:** Operating Systems, Distributed Systems, Computer Networks, Cloud Computing, DSA

## TECHNICAL SKILLS

**DevOps Tools:** Docker, Kubernetes, Jenkins, GitHub Actions, Terraform

**Cloud Platforms:** Google Cloud (GCP), Microsoft Azure, Render, AWS (Basic)

**Monitoring & CI/CD:** Prometheus, Grafana, Nginx, Git, Linux Shell Scripting

**Programming:** Python, Bash, JavaScript, SQL

**Concepts:** Load Balancing, System Reliability, Fault Tolerance, Deployment Automation, Microservices

## WORK EXPERIENCE

ThumbLab — Co-Founder & Technology Lead

Oct 2025 – Present

Mumbai, Maharashtra | Remote

- Designed and maintained deployment infrastructure using Docker and GitHub Actions to automate web project rollouts.
- Configured Nginx reverse proxies and monitoring dashboards (Prometheus + Grafana) for 24/7 uptime tracking.
- Reduced deployment time by 40% through containerization and CI/CD pipeline optimization.

**Freelance DevOps Engineer | Remote**

Jan 2024 – Oct 2025

Developed scalable and fault-tolerant backends with strong deployment and monitoring integration.

- Built CI/CD pipelines on GCP and Azure using Docker, automating testing and multi-environment releases.
- Streamlined server provisioning using Bash scripts and Infrastructure-as-Code templates.
- Enhanced system reliability by implementing health checks, alerts, and rollback mechanisms.

## KEY PROJECTS

**InfraTrack – Cloud Infrastructure Monitor** | Python, Prometheus, Docker

Sep 2025

- Developed a real-time monitoring dashboard for server uptime and resource usage using Prometheus + Flask API.
- Automated alerts through Grafana and Slack integration; reduced mean time to recovery (MTTR) by 30%.

**Smart Inventory Management System** | Flask, PostgreSQL, Azure

Oct 2025

- Containerized and deployed full-stack system on Azure App Service using Docker and CI/CD.
- Configured logging, health checks, and load testing to maintain 99% uptime during concurrent access.

**LangSQL – AI Query Service** | Django, TensorFlow, GCP

Mar 2025

- Deployed NLP-based API service on GCP with automatic scaling and managed secrets through environment variables.
- Achieved seamless deployment pipeline integration with GCP Build and Container Registry.

## ACHIEVEMENTS & CERTIFICATIONS

Smart India Hackathon 2024 – Selected among top 30 teams at institute level for national submission · Quasar 3.0 Finalist · Inspiron 4.0 Finalist · **IIM Business Management Certification (2025)** – Strategic Leadership in Tech · AWS Cloud Practitioner (In Progress) · Open Source Contributor (10+ PRs)

## PROFESSIONAL STRENGTHS

**Core Strengths:** System automation, container orchestration, CI/CD pipelines, and reliability monitoring.

**Focus Areas:** Cloud Infrastructure, Observability, Deployment Scalability, and Site Reliability Engineering.