

Aditya Bhadauriya

📍 Bangalore | 📞 +91-7999575483 | [in LinkedIn](#) | [Github](#) | [Scaler](#) | [My Portfolio](#) | ✉️ adityabhadauriya93@gmail.com

SKILLS

- **Programming Languages** : Python, Bash/Shell Scripting
- **Libraries and Frameworks** : Django, Fast API
- **Tools** : GitHub, Linux/Unix, Git, Docker, REST API, Jenkins, CI/CD, Kubernetes, AWS, PostgreSQL, SQL, GitHub Actions, Prometheus, Datadog, Grafana, OpenTelemetry, Microservices, Terraform, Agentic AI

EXPERIENCE

Independent Software Engineer Jan 2026 - Present

Clients: Trade360 AI, Oscillix

- *Trade Execution Service Architecture:* Engineered production **FastAPI** backend services integrating Angel One APIs for real-time market data streaming, trade execution, and user authentication.
- *GitOps & Cloud Provisioning:* Provisioned **AWS EKS** cloud infrastructure using **Terraform** and established continuous delivery via **ArgoCD**, **GitHub Actions**, and **Kubernetes**, boosting application deployment reliability and achieving **99.9% uptime**.
- *Observability Integration:* Integrated end-to-end **Datadog APM**, metrics, and log pipelines to enable real-time monitoring and incident diagnosis across production workloads.
- *ERP Customization & Deployment:* Customized core **Frappé/ERPNext** modules for Oscillix and automated deployments to **AWS Lightsail (Linux)** using **Docker** and **CI/CD**

Software Engineer Jan 2025 - Sep 2025

Tanish Analytics Pvt. Ltd.

Engineering Consultant serving enterprise clients including Tensteps Technologies & AIC-Prestige

- *AI-Driven Banking Microservice (Tensteps Technologies):* Developed a GRC (Governance, Risk Management, and Compliance) **RAG** microservice for banking clients utilizing **FastAPI**, **Gemini API**, and **GraphDB** for complex data retrieval.
- *Shared SDK & Standardization:* Authored and published a standardized **Python** utility package across all backend **microservices**, embedding unified **OpenTelemetry** instrumentation, custom exception handling, request validation, and structured **Loguru logging**.
- *Reporting Microservice:* Designed high-throughput financial/reporting **microservices** integrated with contract workflows across multi-company engagements.
- *Infrastructure Modernization (AIC-Prestige):* Modernized existing application deployment architecture by migrating workloads to **Kubernetes** on **AWS**, using **Terraform** for Infrastructure as Code (IaC) for the e-commerce client.
- *DevSecOps Pipeline Security:* Strengthened **CI/CD** security quality gates by embedding **SonarQube** code analysis and **Trivy** vulnerability scanning into deployment pipelines.

Software Developer May 2024 - Jan 2025

M-ideas

- *Cloud-Native Application Platform:* Engineered a custom task and file management platform with **Django**; managed **AWS RDS**, **Lambda**, **AWS S3**, **Docker**, and **Kubernetes** using **Helm** and **Terraform** for cloud infrastructure setup.
- *Event-Driven Architecture & Queues:* Integrated **AWS SQS** and **AWS SNS** message queues to decouple asynchronous background jobs and power real-time automated notifications
- *Full-Stack Observability:* Implemented **Datadog** distributed tracing, custom system metrics, and log aggregation to ensure optimal background worker efficiency and system visibility, resulting in a **50% increase** in positive feedback and a **20% reduction** in complaints

Software Developer Oct 2022 - Apr 2024

Money Bloom

- *Distributed Async Engine:* Engineered a high-performance Django reporting engine for Bluechip India (Mutual Fund and insurance client), utilizing **Celery** and **Redis** to process heavy asynchronous financial data streams.
- *On-Prem Kubernetes & Automation:* Architected automated Jenkins CI/CD pipelines to deploy containerized services onto production **Kubernetes** clusters.
- *System Monitoring & ERP Customization:* Built customized **Prometheus** and **Grafana** alerting systems to monitor health and updated core **Frappé/ERPNext** workflows for Alufouride Ltd.

PROJECTS

Open Source Contribution in Frappe Framework

🔗 <https://github.com/frappe/frappe/issues/33736>

Contributed a merged fix to the Frappe Framework (PR #33680, back port #33674), strengthening data integrity and consistency for 500+ enterprise users.

Hyper-Scale-Ops

🔗 <https://github.com/MP-30/hyper-scale-ops>

- **Problem & Objective:** Eliminated manual deployments, configuration drift, and inconsistent release workflows by engineering a production-inspired cloud-native application delivery platform.
- **Execution:** Automated the complete software delivery lifecycle using GitHub Actions, **Docker**, **Kubernetes**, and **Helm** with reusable environment-specific deployments, NGINX Ingress, TLS, **PostgreSQL**, and **Datadog** integration.
- **Impact:** Enabled reproducible zero-downtime deployments through declarative **Terraform** and Kubernetes Rolling Updates while producing comprehensive architecture, **CI/CD**, and deployment documentation that mirrors production engineering practices.
- [Datadog-Dashboard](#) | [Live-Demo](#) | [Documentation](#)

AIops Linux Debug Assistant

🔗 <https://github.com/MP-30/LINUX-DEBUG-ASSISTANT>

- **Problem:** Reduced manual Linux troubleshooting by building a **Generative AI** powered **AIops** assistant for infrastructure diagnostics.
- **Execution:** Developed a modular **Python CLI** to collect Linux metrics, Docker statistics, logs, processes, and network diagnostics, then leveraged a local **LLM** through the **OpenAI**-compatible API to generate root-cause analysis and remediation commands.

- **Impact:** Automated incident analysis with AI-generated recommendations, accelerating Linux debugging and reducing debugging time by 25%, while laying the foundation for future **Agentic AI** driven self-healing infrastructure.

ACHIEVEMENTS

- Secured 2nd runner-up position in paper presentation at IIT BHU, Varanasi.
- Awarded best paper presentation in International Conference at ITM University, Gwalior.
- Selected for national model-making competition at PDPU, Gandhinagar and received funding from Gujarat Power Corp. Ltd.
- Student Ambassador for National Students' space Challenge, IIT Kharagpur for Gwalior Region.

EDUCATION

RGPV Bhopal
BE/B.Tech/BS

2016