

# SUMIT PATEL

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## SUMMARY

Backend & DevOps Engineer specializing in Linux systems, containerized workloads, and cloud infrastructure. Built and deployed production APIs (4k+ users), automated CI/CD on AWS, and implemented observability stacks reducing incident response from hours to minutes.

## EXPERIENCE

### Bugswriter's Company Pvt. Ltd.

Oct 2025 - Jan 2026

Co-Creator | Backend & DevOps Engineer

- Co-founded the platform, defining its mission to deliver an intelligent, flexible, and secure AI assistant system that enhances user productivity and creativity
- Established and managed DevOps pipelines including CI/CD, automated deployments, containerization, environment orchestration, monitoring, logging, and security practices
- Led technical decision-making, translated product vision into scalable backend systems, and defined early product requirements
- Built and maintained infrastructure using a modern scalable stack (SvelteKit frontend and FastAPI backend) to ensure high performance, scalability, and extensibility

### Kumari.AI (US based Start-Up)

Aug 2024 - Sep 2025

Backend & DevOps Engineer

(Remote) Stanford, California

- Designing and building backend infrastructure that supports orchestration of multiple AI models/APIs.
- Implementing routing logic: building systems to select the appropriate LLM/tool per request, balancing tradeoffs (cost, latency, quality).
- Setting up DevOps pipelines: CI/CD, deployment, monitoring, scaling, ensuring the system handles many concurrent requests reliably and scales horizontally as usage grows
- Integration of AI services: managing credentials, request routing to external model providers (e.g. OpenAI, etc.), handling failures/fallbacks, logging/telemetry, quality tracking

### PeerXP Services Pvt. Ltd

Feb - Aug 2023

DevOps Intern

(Remote) Bengaluru, Karnataka

- Engineered and implemented comprehensive monitoring solutions using Grafana and Prometheus, resulting in improved system visibility and reduced incident response time from hours to minutes
- Developed and optimized Docker containers integrated into client automation pipelines, reducing deployment time and improving resource usage.
- Automated CI/CD workflows on AWS using GitLab CI, reducing manual deployment steps and maintained system configurations via Ansible and Terraform
- Authored 1000+ self-hosted, wiki-style setup guides, used by new hires and external developers, reducing onboarding and support queries

## PROJECTS

### TUISIC: TUI Online Music Streaming Application

[github.com/Dark-Kernel/tuisic](https://github.com/Dark-Kernel/tuisic)

Developer

- Developed a command-line interface music streaming application in C++ with Vim motions and multi-source integration
- Engineered CLI-based music player in C++ using libmpv and FTXUI, supporting multi-platform streaming with download and playlist support.
- Created user-friendly functionality including playlist support, favorites system, and URL copying using FTXUI, libmpv, and libcurl

### ScrollConnect: Production Event Platform

[www.scrollconnect.com](https://www.scrollconnect.com)

Backend Developer

- Built and secured backend APIs for a production-grade college event platform with around 5000 users at [scrollconnect.com](https://scrollconnect.com).
- Implemented Supabase RLS policies with JWT refresh logic for secure, scalable access control.
- Integrated GenAI for auto-generating event descriptions and FAQs; reduced manual content effort by 60%.
- Nginx is used as reverse proxy for all requests and S3 for object storage.

## EDUCATION

### Vasantdata Patil Pratisthan's College Of Engineering

Mumbai, Maharashtra

B.E in Information Technology (CGPA: 8.04)

2023 - 2026

### Government Polytechnic

Mumbai, Maharashtra

Diploma in Computer Engineering (CGPA: 8.7)

2020 - 2023

## TECHNICAL & SOFT SKILLS

**Languages:** C++, Bash, Python, Java, JavaScript | **Tools:** Docker, Kubernetes, GitHub Actions, Terraform, Prometheus  
**Frameworks:** Node.js, Flask, React, Express, Next | **Cloud/DB:** AWS, GCP, Supabase, MongoDB, PostgreSQL, MySQL  
**Soft Skills :** Problem-solving, Technical Documentation, Team Collaboration, Proactive Mindset