

SUMIT PATEL

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EXPERIENCE

PeerXP Services Pvt. Ltd

Feb - Aug 2023

DevOps Intern

Bengaluru, Karnataka

- Engineered and implemented comprehensive monitoring solutions using Grafana and Prometheus, resulting in 30% improved system visibility and reduced incident response time from hours to minutes
- Developed and optimized Docker containers for microservices architecture, reducing deployment time by 40% and improving resource utilization by 25%
- Created Docker images for clients, integrating them into their automation pipelines.
- Assisted in the implementation of CI/CD pipelines, automating processes using AWS.
- Authored and reviewed over 1000 technical documentation pieces, significantly improving knowledge base accuracy and reducing onboarding time for new team members

OPEN SOURCE CONTRIBUTIONS

Keyshade

[PR #398](#), [PR #381](#)

- Refactored project forking logic using Prisma, adding access level checks and optimizing process stability ([Issue #364](#))
- Implemented CLI enhancement with `--quit-on-decryption-failure` option for improved error handling ([Issue #294](#))

PROJECTS

TUISIC: TUI Online Music Streaming Application

Developer

- Developed a command-line interface music streaming application in C++ with Vim motions and multi-source integration
- Implemented features for searching, playing, and downloading music from platforms like SoundCloud, Jio Saavn, Youtube, etc
- Created user-friendly functionality including playlist support, favorites system, and URL copying using FTXUI, libmpv, and libcurl

ArchInsights: Social Media Analytics Platform

Developer

- Developed a comprehensive analytics platform using React, Tailwind CSS, and Daisy UI for the frontend interface provides insight on real time data.
- Implemented AI-powered chat functionality using Langflow and NVIDIA's nv-embed-QA model for personalized content recommendations (RAG)
- Created data visualization components to analyze engagement metrics across post types, optimal posting times, and festival-based trends
- Integrated with DataStax Astra DB to store and efficiently process user engagement data for actionable insights

Personal Development Environment (PDE)

Developer

- Developed a system where I spend most of my time in the terminal, boosting productivity by reducing context switching.
- Customized **Neovim** as my main editor, alongside **tmux** for terminal multiplexing, creating a streamlined and efficient workflow.
- Enhanced daily coding efficiency by 70% through the configuration of **Arch Linux** and fine-tuning terminal tools.

EDUCATION

Vasantdata Patil Pratisthan's College Of Engineering

B.Tech in Information Technology

Mumbai, Maharashtra

2023 – Present

Government Polytechnic

Diploma in Computer Engineering (GPA: 8.7)

Mumbai, Maharashtra

2020 – 2023

R.N. Gandhi High School

Secondary School Certificate (SSC) (Percentage: 83.00)

Mumbai, Maharashtra

2019 – 2020

TECHNICAL & SOFT SKILLS

DevOps Tools: Linux, Ansible, Docker, Kubernetes, Git, Prometheus, Grafana, Jenkins, Terraform

Cloud Platforms: AWS, GCP

Programming Languages: C, C++, Bash, Python, NodeJS, JS, ReactJS, Java

Databases: MongoDB, MySQL

Others : Networking, Virtualization, Shell scripting, Containerization, Orchestration, Backend

Soft Skills : Problem-solving, Technical Documentation, Team Collaboration, communication skills, Proactive