

SUMIT PATEL

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EXPERIENCE

PeerXP Services Pvt. Ltd

Feb - Aug 2023

DevOps Intern

Bengaluru, Karnataka

- Proofread and executed around 1000 DevOps tutorials/articles to ensure accuracy and clarity.
- Collaborated with the team to sanitize GitLab repositories, optimizing code quality and ensuring compliance with best practices.
- Created Docker images for clients, integrating them into their automation pipelines.
- Developed a customized dashboard for server monitoring using **Grafana and Prometheus**.
- Assisted in the implementation of CI/CD pipelines, automating processes using **AWS**.

OPEN SOURCE CONTRIBUTIONS

Keyshade

[Pull Request 398](#), [Pull Request 381](#)

- Contributed to **Keyshade** by resolving issues [364](#) and [294](#).
- **PR #398:** Refactor(api): Update logic for forking projects. Refactored the project forking logic by integrating Prisma for data fetching, adding checks for global access levels, and ensuring project existence before forking. These improvements optimized the process, enhancing both stability and reliability in managing projects.
- **PR #381:** feat(cli): Add `--quit-on-decryption-failure` option. Introduced the `--quit-on-decryption-failure` option to the `init` command. This feature enhances error handling by allowing the process to terminate upon a decryption failure. Additionally, the option has been integrated into ProjectRootConfig.

PROJECTS

Thrifty: E-Shopping Assistant

Developer

- Developed API and backend using NodeJS, ExpressJS, and MongoDB.
- Created a CI/CD pipeline for deployment using containerization.
- Users can compare prices across multiple platforms and receive price fluctuation alerts.

Minipy: API-Based Encryption System

Developer

- Developed a Flask API implementing **Elliptic Curve Cryptography (ECC)** for key generation and **AES** for secure data protection.
- The API delivers encrypted files and keys via a secure key exchange mechanism.

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 SKILLS

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

Cloud Platforms: AWS, GCP

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

Databases: MongoDB, MySQL

Others : Networking, Virtualization, Shell scripting, Containerization