

Himanshu Pandey

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[Linkedin Profile](#)
[Portfolio](#)

TECHNICAL SKILLS

Programming Languages Java, C, C++, Python, Javascript, SQL, Go
Technologies Kafka, Redis, MongoDB, Postgres, Docker, AWS
Frameworks/Libraries Spring boot, ReactJS, Flask, NodeJS, Playwright

EXPERIENCE

Software Development Engineer

Piramal Finance

Jul 2023 — Present

Bengaluru, Karnataka

- Created microservices to support products like **Loan Against mutual Funds** and **Personal loans**.
- Enhanced the Jira, Jenkins and Github metrics tracking portal, leading the User Interface revamp with **React** and **Redux**.
- Developed robust RESTful APIs in **Spring Boot** with comprehensive documentation and reduce latency from **2 second** to under **1 second**.
- Helped create code coverage pipeline to smoothen process for finding unit, integration and aggregate coverage for different services.
- Created UI for No Code platform using Generative AI which helped reduce automation writing time by approx. 40%.
- Added UI automation for micro-frontends (MFEs) using **Playwright** (an alternative of **Selenium**).
- Added backend automation for microservices using custom framework developed in **Spring-boot**

Google Summer of Code

Mentee at Eunomia-bpf

May 2024 — Aug 2024

Remote

- Added feature to build static archive for the core library improving adoption by 33 %.
- Enhanced existing codebase to be modular to support integration with different OS

EDUCATION

B.Tech, Electrical Engineering

Sardar Vallabhbhai National Institute of Technology (NIT-Surat)

CGPA: 8.49/10.00

Jul 2019 — May 2023

PROJECTS

Djaport - [Link](#)

Mar 2025 - Present

- Custom test runner for API tests written in **Django**
- Generates report of test execution with detail like passed test, failed and skipped tests
- **Tech Stack: Python, Django**

Rockstar-clipboard manager - [Link](#)

Dec 2024 - Present

- Created a MacOS application which can be installed using brew, it lets you save images, text as clippings
- Created a backend in golang to monitor clipboard content, and handle shortcuts and updates to clipboard
- Used websockets to implement connection between Swift UI & Go Backend
- **Tech Stack: Go, Swift**

bpftime - Userspace runtime for eBPF programs - [Link](#)

May 2024 - Aug 2024

- Fixed broken toolchain for MacOS system increasing adoption by 33 %
- Added headers to mock linux specific system calls improving maintainability of codebase
- Enhanced tool by limiting its dependence on **libbbpf**
- **Tech Stack: C++, CMake**

Dylogor - a tool to dialogue with your logs - [Link](#)

Nov 2023

- Setup a **ElasticSearch** DB to ingest logs coming from a service
- Created APIs using **Flask** to provide functionality of search, search with filters and search with regex
- Created a CLI app using **Click** to provide frontend to increase the usability of the tool
- **Tech Stack: Flask, ElasticSearch, Click(Python CLI tools Framework)**

EXTRA-CURRICULAR/ACHIEVEMENTS

- Won **DotSlash 6.0** hosted at SVNIT
- Finalist in 5th edition of **Smart India Hackathon**, event organized by **Government of India**.
- Actively Contributing to open-source projects like **MariaDB**, **bpftime**, **Scancode**, **Mudlet** and **KeepHQ/Keep**.