

Himanshu Pandey

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TECHNICAL SKILLS

Programming	Java (Proficient), Go, C++, Python, JavaScript, SQL
Backend / Infra	Spring Boot, Kafka, Docker, Redis, AWS, Postgres, MongoDB, Jenkins
Frontend / Testing	ReactJS, NodeJS, Flask, Playwright

EXPERIENCE

Software Development Engineer

Jul 2023 — Present

Piramal Finance

Bengaluru, Karnataka

- Owned the end-to-end design and development of scalable **Spring Boot microservices** powering Loan Against Mutual Funds and Personal Loan products, serving **10K+ monthly users**.
- Reduced API response latency from **2 s to <1 s** by optimizing database queries, refactoring critical paths, and introducing targeted caching strategies.
- Delivered and launched new loan products that **increased disbursement rates by 50 %**, working closely with risk and business teams to align tech deliverables with business goals.
- Led the deprecation of legacy services to cut infra costs by **10 %**, simplifying deployments and improving maintainability across the lending stack.
- Revamped the internal Jira-Jenkins-GitHub metrics portal UI using **React** and **Redux**, improving dashboard performance and driving org-wide adoption.
- Built a centralized **code coverage pipeline** integrating unit, integration, and aggregate coverage across **10+ services**, enabling teams to enforce coverage thresholds in CI.
- Prototyped a **no-code Generative AI platform** to accelerate test case authoring, reducing QA effort by **40 %** and influencing roadmap discussions for internal tooling.

OPEN SOURCE EXPERIENCE

Google Summer of Code – MariaDB(2025) & Eunomia-bpf(2024)

May 2024 — Aug 2025

Mentee Remote

- Developed a **frm parser tool** for MariaDB from scratch to extract DDL from legacy files; added JSON, comments, and default value support while reusing existing parsers to reduce maintenance.
- Enhanced Eunomia's eBPF runtime by adding static archive support, refactoring for cross-OS modularity, and reducing libbpf dependency, increasing adoption.

Other Contributions

- Active contributor to **ClickHouse**, **MariaDB**, **bpftime**; authored 10+ merged PRs across 3 repositories spanning build systems, runtime tools, and developer experience improvements.

EDUCATION

B.Tech, Electrical Engineering

Sardar Vallabhbhai National Institute of Technology (NIT-Surat)

Jul 2019 — May 2023

CGPA: 8.49/10.00

PROJECTS

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 **Go** to monitor clipboard content, and handle shortcuts and updates to clipboard
- Used web sockets to implement connection between Swift UI & Go Backend
- Tech Stack:** Go, Swift

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

May 2024 - Aug 2024

- Added headers to mock Linux specific system calls improving maintainability of codebase
- Enhanced tool by limiting its dependence on **Libbpf**
- Tech Stack:** C++, CMake

EXTRA-CURRICULAR/ACHIEVEMENTS

- Won **DotSlash 6.0** Hackathon hosted at **SVNIT**.
- Finalist in 5th edition of **Smart India Hackathon**, event organized by **Government of India**.