# Himanshu Pandey

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Linkedin Profile
Portfolio

## TECHNICAL SKILLS

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|---|---|
| **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** — **Jul 2023 — Present**
Piramal Finance — Bengaluru, Karnataka
- Designed and developed scalable **Spring Boot microservices** for Loan Against Mutual Funds and Personal Loan products, improving loan journey for **10K+ users monthly**.
- Optimized database queries and caching strategy, reducing API response latency from **2 s to under 1 s**.
- Delivered new products in personal loans boosting disbursement rate for loans by **50%**.
- Reduced Tech-debts and cost of operation by **10%** deprecating old service.
- Led UI revamp of the Jira–Jenkins–GitHub metrics portal using **React** and **Redux**, improving dashboard performance and adoption across internal teams.
- Built internal code coverage pipeline to unify unit, integration and aggregate coverage tracking across **10+ services**.
- Prototyped a no-code UI platform using Generative AI to reduce test case authoring effort by **40%**.

**Google Summer of Code** — **May 2025 — Aug 2025**
Mentee at MariaDB — Remote
- Implemented a MariaDB frm parser tool to help Database Admins extract DDL commands from their frm files from scratch.
- Provided support to JSON, and other features like Table comments, default values.
- Reused existing function to avoid extra code generation reducing maintenance of the tool.

**Google Summer of Code** — **May 2024 — Aug 2024**
Mentee at Eunomia-bpf — 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) — **Jul 2019 — May 2023**
**CGPA: 8.49/10.00**

## 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 **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**
- Fixed broken tool chain 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 **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**.
- Actively Contributing to open-source projects like **MariaDB** , **bpftime**, **Scancode**, **Mudlet** and **KeepHQ/Keep.**