

# Himanshu Pandey

Bengaluru, Karnataka  
+91 9558-158-852

himanshu.dn.pandey@gmail.com

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

## EXPERIENCE

### Software Engineer

Piramal Finance

Jul 2023 — Present

Bengaluru, Karnataka

- 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, enabling seamless integration between frontend and backend systems.
- Helped create code coverage pipeline to smoothen process for finding unit, integration and aggregate coverage for different services.
- Created end to end automation pipelines for backend and frontend using **Spring Boot**, **TestNG**, and **Playwright**, reducing time taken for regression by 50%.
- Created UI for No Code platform using Generative AI which helped reduce automation writing time by approx. 40%.

### Google Summer of Code contributor

eunomia-bpf

May 2024 — Aug 2024

Remote

- Added feature to build static archive for the core library
- Added capability in bptime to track code coverage automatically
- Added support for bptime on different OS like MacOS and BSD variants

## EDUCATION

B.Tech, Electrical Engineering, SVNIT, CGPA: 8.49/10.00

Jul 2019 — May 2023

## TECHNICAL SKILLS

### Programming/Scripting Technologies

Java (Spring, Spring-boot), C, C++, Python, Javascript, ReactJS, SQL, Go  
Kafka, Redis, MongoDB, Postgres, Docker, ElasticSearch

## PROJECTS

### Rockstar-clipboard manager - [Link](#)

Dec 2024 - Present

- MacOS app which allows you to store images in clipboard and lets you paste any kind of content with shortcut
- 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

### Modern Jenkins Notifier - [Link](#)

Nov 2024 - Present

- Extension to monitor jenkins jobs and their status.
- Used service workers chrome APIs to implement notification capability on change of build status
- Tech Stack:** Javascript, Chrome Browser APIs

### Test-assure - Metric tracking tool

May 2024 - Present

- Added feature to review testcase added by SDETs improving quality of testcases and reduction in production incidents by 20%.
- Improved UX and refactored legacy javascript codebase which is now scaled organization wide.
- Tech Stack:** Spring-boot, ReactJS

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

May 2024 - Aug 2024

- Fixed broken toolchain for MacOS system
- Added headers to mock linux specific system calls
- Enhanced tool by limiting its dependence on **libbpf**
- 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 **bpftime**, **Scancode**, **Mudlet** and **bare-cli/bare**.