

# Himanshu Pandey

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

## EDUCATION

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

Jul 2019 — May 2023

12<sup>th</sup> (Higher Secondary), St. Xavier's High School, Percentage: 89.8%

Apr 2017 — May 2018

10<sup>th</sup> (Secondary), St. Xavier's High School, CGPA: 10/10

Apr 2015 — May 2016

## EXPERIENCE

Software Developer Engineer in Test

Jul 2023 — Present

Piramal Finance

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%.
- Worked on creating UI for No Code platform using Generative AI.

Google Summer of Code contributor

May 2024 — Aug 2024

eunomia-bpf

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

## 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.
- Improved UX and refactored legacy javascript codebase to make it production ready.
- Tech Stack:** Spring-boot, ReactJS

bptime - 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)

## TECHNICAL SKILLS

Programming/Scripting    Java (Spring, Spring-boot), C, C++, Python, Javascript, ReactJS, SQL, Go, Docker

## 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 **bptime**, **Scancode**, **Mudlet** and **bare-cli/bare**.