

Himanshu Pandey

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

EDUCATION

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

Jul 2019 — May 2023

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

Apr 2017 — May 2018

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

Apr 2015 — May 2016

EXPERIENCE

Software Developer Engineer(T)

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

Audit logging utility

December 2024 - Present

- Created a service which polls policy engine data, pushes them to a topic using Kafka producer and then batches them and pushes it to S3 bucket
- Created to reduce the unnecessary usage of MongoDB ultimately saving cost for company
- This helped reduce cost of storage by 40-50%
- Tech stack: Spring boot, Kafka, Amazon S3**

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**

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**

WorkHunt.tech - HackDotSlash 6.0 Winner - [Link](#)

Feb 2023

- Developed ORM models for Jobs, Companies and Users
- Created APIs to list Jobs, Companies and Register Users
- Deployed backend on a Azure VM with appropriate network configuration
- Tech Stack: FastAPI, SQLite, Azure VM, nginx**

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 **bpftime**, **Scancode** and **bare-cli/bare**.