Himanshu Pandey

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Linkedin Profile
Portfolio
Leetcode

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 in Test   **Jul 2023 — Present**
Piramal Finance   Bengaluru, Karnataka
- Enhanced the Jira, Jenkins and Github metrics tracking portal, worked with a small team leading the User Interface revamp with **React** and **Redux**.
- The portal aimed to provide a comprehensive view of real-time current internal metrics for different members of the company.
- Created automation pipelines for backend and frontend using **Spring Boot**, **TestNG**, and **Playwright**, reducing manual testing by 30%.
- Added testcase review functionality to internal tool to increase the correctness of test and coverage.

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 bpftime to track code coverage automatically
- Added support for bpftime on different OS like MacOS and BSD variants

PROJECTS

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 limitting 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)**

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, Golang
Technologies	Git, Docker

ADDITIONAL COURSES

- **Machine Learning** (Coursera) , **Deep Learning** Specialization (Coursera), Learning REST APIs(Linkedin Learning)

EXTRA CURRICULAR ACTIVITIES

- Actively Contributing to open-source projects like **bpftime**, **Scancode** and **bare-cli/bare**
- Managed 'I Spy AI' Event for institute's Techno-Managerial fest,**MindBend-2022**

ACHIEVEMENTS

- Won **DotSlash 6.0** hosted at SVNIT
- Finalist in 5th edition of **Smart India Hackathon**, event organized by **Government of India**.
- Secured top 10 in hackathon, **Hackinfinity** hosted by **DA-IICT**, Gandhinagar
- Secured top 8 in **DotSlash 4.0**, an Inter-College hackathon hosted by **ACM-SVNIT**