

# HARSH KATARIYA

## Python Developer

<https://harsh2015.github.io/portfolio/>

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## SUMMARY

I am a dynamic and results-driven engineering student with a solid foundation in Python, SQL, and web development. My experience in developing innovative projects, particularly in healthcare solutions and collaborative platforms, showcases my ability to leverage technology for impactful outcomes. I thrive on solving complex problems and fostering global knowledge exchange.

## EDUCATION

### Bachelor of Engineering in Information Technology

Mumbai University

📅 09/2023 - 05/2026   📍 Mumbai, Maharashtra

## SKILLS

API	CSS	EXCEL	Flask	Git	Github	HTML	Javascript(Basics)	Machine Learning	ms-word	MySQL
NoSql	NoSql	Numpy	Pandas	Power BI	powerpoint	Python	SQL	VS Code		

## PROJECTS

### Symptoms Solver

📅 01/2025 - 01/2025

Server-side application focused on healthcare solutions.

- Developed and managed the server-side application using Flask, handling backend logic and API integrations.
- Built and optimized APIs for patient profile management, including session handling and real-time database updates.
- Designed a predefined API for antibiotic suggestions, enhancing treatment recommendations.
- Implemented a Machine Learning model (Decision Tree Classifier) achieving 99 percent accuracy for disease prediction in an internship project focused on healthcare solutions.

### Project Parade Website

📅 10/2024 - 12/2024

Student collaboration and community sharing platform.

- Developed a platform using Python Flask, MySQL, HTML, CSS, and JavaScript for students to upload and share projects, research papers, and community posts globally.
- Integrated bcrypt for secure password hashing and enabled user authentication.
- Enabled users to post images, share updates, and create polls for feedback from the global community.
- Provided access to educational materials on cloud computing, programming languages, and tools for continuous learning.
- Built a collaborative space where students can connect, share knowledge, and showcase their work, fostering global networking and idea exchange.

### Research Hub

📅 09/2024 - 11/2024

Research paper sharing platform for students and faculty.

- Developed a platform using Flask, MySQL, HTML, CSS, and JavaScript where students and faculty can upload and share research papers globally across various categories of science and technology.
- Implemented Bcrypt for secure password hashing and user authentication.
- Enabled users to instantly download published research papers, providing easy access to valuable academic resources.
- Facilitated global sharing of research by categorizing papers into different scientific and technological fields, promoting knowledge exchange and collaboration among students and faculty.

## CERTIFICATIONS

- SQL INTERMEDIATE - BY HACKER RANK.
- INTRODUCTION TO PYTHON - By CAREER NINJA.