Harshika Patil

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About

A passionate and driven individual with a strong interest in Data Science and a commitment to continuous learning. Currently pursuing a B.Tech in Computer Science at VIT, Mumbai, with a consistent academic record, achieving a 9.7–9.9 CGPA in the previous semester. Eager to apply my skills and knowledge to real-world projects, I have a keen interest in leveraging data-driven insights to develop innovative solutions.

Academia

Examination	Institute	Year	Score
B.Tech	Vidyalankar Institute of Technology,wadala	present	9.7
H.S.C	Private High School pen, Raigad.	2022	80%
S.S.C.	S.S.V.D.M.V, Pen, Raigad	2020	94.80%

Competition

- **R.U.I.A Hackathon (2nd Rank):** Built an all-Indian language converter with Azure-based translation and document support. Link

- **SIH 2023-25 (College Round Selected):**

  - **SAR Change Detection (2024-25):** Used GEE to detect man-made changes in satellite images.

  - **Lecture Sharing Platform (2023-24):** Created a portal for professors to upload and share lectures.

- **TIH 2024-25 & College Competitions:** Competed in AI, satellite imaging, and language tech challenges.

Certifications

1. Postman API Fundamentals Student Expert- STUEDNT SWAG

   Link : https://academy.postman.com/path/postman-api-fundamentals-student-expert

2. Frontend Web Development With React.js and JavaScript

   Link : https://www.credly.com/badges/d91321c4-647c-424d-9fb5-792c4a18d4ba

3. Backend Web Development using Node.js, express and JavaScript

Link :

Technical Skills

Programming Languages: Python, React.js (Beginner Experience), JAVA, Node.js (Beginner Experience), Assembly Language

Visualization: Canva, Microsoft Power BI

Cloud System: Amazon Web Services

Virtualization: Docker, Oracle Virtual Box

Databases: My-SQL

API Development: Postman

Integrated Development Environment: Pycharm, Jupyter Notebook, Visual Studio Code

WebDevelopment: HTML, CSS,JS, Voice App Development

Project

- **Charity Website:** Responsive site with donation options using HTML, CSS, JS, and Bootstrap.
  GitHub

- **Video Sentiment Analysis:** Detects emotions from video using OpenCV & a pre-trained model.
  GitHub

- **IoT Sensor System:** Simulated Arduino-based temperature & gas monitoring on Tinkercad.

  GitHub

- **Hand-Gesture Games:** Controlled Tic-Tac-Toe, RPS, Tetris & Ping Pong using OpenCV & Pygame.
  GitHub

- **Starbucks, Flipkart, Netflix Clones:** Full-stack clones with authentication & API integration.

  Flipkart | Starbucks

- **Food Delivery Website:** Interactive site with order tracking & payment integration.

  GitHub

- **Student Exam System:** MySQL-based system for exams, results & student records.

  GitHub