Raushik Gupta

Software Engineer

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Technical Skills AND Interests

Languages: C++, JavaScript, Java, Python
Full Stack Development: React, HTML, CSS, Bootstrap, Node.js, Express.js
Data Analysis: Pandas, NumPy, Matplotlib, Seaborn
3D Design Tool: Fusion 360, Blender
Soft Skills: Problem-solving, Analytical Thinking, Continuous Learning

Education

- **VIT Bhopal University**   *2023 - Present*
  B.Tech in Computer Science and Engineering   CGPA: 9.11(Till 4th semester)

- **Mohini Devi Memorial school(CBSE Board)** *2020 - 2022*
  11th & 12th Grade (Intermediate)   Percentage: 74.8%

- **Mohini Devi Memorial School (CBSE Board)** *2019 - 2020*
  10th Grade   Percentage: 80.0%

Job Simulation & Virtual Experience

- **Cloud Platform Job Simulation** – Verizon

- **Software Engineering Job Simulation** – Hewlett Packard Enterprise

Projects

DiscoverYourHome (House Price Prediction System)   *2024 – 25*
Machine Learning, Streamlit, Python, HTML, CSS, JS, Flask, Firebase, GoogleMaps

- Developed a web-based application to predict house prices across India using Machine Learning models and selecting Random Forest as the best-performing model..
- Utilized Pandas and NumPy for data preprocessing, and Scikit-learn for building and optimizing similarity-based recommendation models.
- Used Streamlit for UI and Scikit-learn for ML models to build the system.
- Used Flask for backend and Firebase for Databaes and integrated GoogleMaps API for the predicted House.

Spotify Inspired Music Player   *Present*
HTML, CSS, JS

- Built a responsive music streaming web app using HTML, CSS, JS – ongoing for backend

Internship Experience

Product Design and Prototyping Intern | TechToGreen Drone and Robotics Pvt Ltd., Amravati, Andhra Pradesh

- Gained hands-on experience with **Raspberry Pi**, **Robot Operating System (ROS)**, and **RP LiDAR** for short-term internal R&D projects.

- Designed and animated **10+ product prototypes** using **Fusion 360** and **Blender** for client demos and internal presentations.