

# RAUSHIK GUPTA

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## TECHNICAL SKILLS AND INTERESTS

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**Programming Languages:** C++, JavaScript, Java, Python

**Full Stack Development:** React, HTML, CSS, Bootstrap, Node.js, Express.js

**Libraries & Frameworks:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn

**Developer Tools :** Git, GitHub, Postman(API Testing), Jupyter Notebook

**3D Design Tools:** Fusion 360, Blender

**Languages :** English(Fluent), Hindi(Native), Japanese(Beginner)

## EDUCATION

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- VIT Bhopal University** 2023 - Present  
*B.Tech in Computer Science and Engineering* CGPA: 9.08(Till 5th 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 & CERTIFICATIONS

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- Cloud Platform Job Simulation** – Verizon
- Software Engineering Job Simulation** – Hewlett Packard Enterprise
- AWS technical Essentials** – AWS
- AWS Certification Course** – IntelliPaat Academy
- Introduction to Machine Learning** - NPTEL

## PROJECTS

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### DiscoverYourHome (House Price Prediction System)

Sep 2024 – Apr 2025

*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 Postman for API testing, environment management, and request automation.
- 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

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*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.