# RAUSHIK GUPTA

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## TECHNICAL SKILLS AND INTERESTS

**Programming Languages**: C++, JavaScript, Java, Python
**Full Stack Development**: React, HTML, CSS, Bootstrap, Node.js, Express.js
**Libraries**: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
**3D Design Tool**: Fusion 360, Blender
**Languages** : English(Fluent), Hindi(Native), Japanese(Beginner)

## 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

- **AWS technical Essemtials** – AWS

- **AWS Certification Course** – IntelliPaat Academy

- **Introduction to Machine Learning** - NPTEL

## PROJECTS

**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 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.