

# 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

**Database Management:** MongoDB, MySQL

**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

### **VIT Bhopal University**

B.Tech in Computer Science and Engineering

2023 - Present

CGPA: 9.08 (Till 5th semester)

### **Mohini Devi Memorial School (CBSE Board)**

11th & 12th Grade (Intermediate)

2020 - 2022

Percentage: 74.8%

### **Mohini Devi Memorial School (CBSE Board)**

10th Grade

2019 - 2020

Percentage: 80.0%

## JOB SIMULATION & CERTIFICATIONS

**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

### **DiscoverYourHome(House Price Prediction System)**

Sep 2024 - Apr 2025

Machine Learning, Streamlit, Python, HTML, CSS, JS, Flask, Firebase, GoogleMaps

Built a web-based house price prediction system for India using Machine Learning, selecting **Random Forest** as the best-performing model. Performed data preprocessing with **Pandas** and **NumPy** and developed ML models using **Scikit-learn**. Implemented a Flask-based backend with Firebase database, integrated Google Maps API, and built the UI using **Streamlit**. Tested and managed APIs using **Postman**, including environment setup and request automation.

### **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 RPLiDAR for short-term internal R&D projects.

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