

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.