

# PRAJEET DUBEY

Nainital, Uttarakhand

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## EDUCATION

Vellore Institute of Technology, Bhopal

2022 – 2026

B.Tech - Computer Science and Engineering - CGPA - 8.72

Bhopal, Madhya Pradesh

Birla Vidya Mandir, Nainital

2020 – 2021

XII - Percentage - 94.8

Nainital, Uttarakhand

Birla Vidya Mandir, Nainital

2018 – 2019

X - Percentage - 95.6

Nainital, Uttarakhand

## EXPERIENCE

Hewlett Packard Enterprise

Feb'25

CTY Summer Intern — Machine Learning, NLP

- Assisted in developing data-driven solutions for business challenges using analytics and machine learning.
- Created interactive dashboards to present insights to stakeholders.
- Conducted exploratory data analysis (EDA) and feature engineering to improve model performance.
- Wrote optimized SQL queries to extract and manipulate large datasets.

## PROJECTS

ChikitsaConnect 🔗 | [HTML](#), [CSS](#), [JS](#), [Python](#), [Django](#), [WebRTC](#), [Socket.IO](#)

2024 - 25

- Developed a Patient-Doctor Appointment System using **Django**, **React**, and **PostgreSQL**.
- Implemented secure user authentication and role-based access using **Django Allauth** and **JWT**.
- Created RESTful APIs with **Django REST Framework (DRF)** to perform **CRUD** operations.
- Integrated video chat functionality using **WebRTC** and **Twilio API**, enabling real-time consultations.
- Developed a payment gateway integration with **Stripe** for secure transactions and appointment bookings.

Parkinson's Disease Detection 🔗 | [Python](#), [Numpy](#), [Pandas](#), [Matplotlib](#), [Seaborn](#)

2023 - 24

- Developed a Parkinson's Disease Detection System using **Machine Learning**, **Python**, and **scikit-learn**.
- Implemented classification algorithms including **SVM**, **KNN**, & **Naive Bayes** to analyze speech patterns.
- Preprocessed dataset with **Pandas** and **NumPy** for feature extraction and data cleaning.
- Achieved high accuracy in model performance using **cross-validation** and **hyperparameter tuning**.

## TECHNICAL SKILLS

**Languages:** C, C++, Python

**Databases:** SQL, PL/SQL

**Data Visualization:** Tableau, Matplotlib, Grafana.

**Machine Learning:** Regression, Classification, Clustering, Time Series Analysis

**Tools and Technologies:** Git, Docker, AWS

**Computer Science Fundamentals:** Computer Network, Operating Systems, DBMS

## Achievements

- Second Position in **Think-A-Thon** conducted by **Hewlett Packard Enterprise**.
- Stood among the top 100 teams in **Deloitte Hackspllosion** out of **11,728** registrations.
- Selected for the **HPE-CTY Program** among the top **36** students from four VIT campuses.

## CERTIFICATIONS

- Cloud Computing (NPTEL)
- Geodata Processing using Python (IIRS-ISRO)
- The Bits & Bytes of Computer Networking (Google)
- Problem Solving Basic (HackerRank)