

# Dipanshu Vora

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## SUMMARY

Practically skilled Python developer with a background in managing databases, bug fixing, and API development. Demonstrated capacity to improve user happiness and system performance. Possesses a B.Tech in Computer Science from Parul University and a Master's in Data Analytics from Dublin Business School. Competent with Django, SQL, Python, Microsoft Power BI, and Tableau; holds advanced Python programming and machine learning certifications (Stamp 1G).

## EDUCATION

### Dublin Business School

*Masters of Science In Data Analytics, Grade 2:1*

Dublin, Ireland

Jan. 2023 – Jan. 2024

### Parul Institute of Engineering and Technology, CGPA 7.35

*Bachelors In Technology Coumpter Science and Engineering*

Vadodara, India

Sept. 2019 – May. 2022

## EXPERIENCE

### Cyphware Infotech Pvt Ltd

Dec. 2021 – Nov. 2022

Mumbai, India

- Led the development of 15+ APIs for Gohoptrip and Divy, boosting customer satisfaction by enhancing user experience and reducing bugs by 40% showcasing effective software development and project planning skills.
- Quickly resolved over 20 critical bugs for Gohoptrip, improving delivery timelines by 30% and earning praise for enhancing customer experience.
- Managed MySQL databases, optimizing queries and ensuring data access speed.
- Demonstrated expertise in Python, OOP, and Django, improving application performance by 20% and showcasing programming and design skills.
- Managed PostgreSQL databases, optimized queries to speed up data access by 25%, and integrated REST APIs to increase system interoperability by 40%.
- Utilized Git for version control, reducing merge conflicts by half, and applied HTML, CSS, and Bootstrap to enhance front-end design and user engagement by 20%.

## PROJECTS

### Hate Crime In U.S | *Python, ML, Visualization*

Oct. 2023 – Dec. 2023

- Acquired a dataset from Kaggle spanning 1991-2019.
- Forecasted and predicted the trend cycle for the upcoming year to identify and minimize crime.
- Visualized data to highlight areas with the highest crime rates and the most targeted offenses.
- Utilized TensorFlow for a deep neural network, incorporating dropout to prevent overfitting and output probabilities for classification.
- Trained models such as random forest achieving nearly 85% accuracy, neural network with 76% accuracy, and performed time series forecasting for future trends.

### Smart Attendance Using Face Recognition | *ML,Django,JavaScript,HTML,CSS*

Oct. 2021 – April 2022

- Trained facial recognition models on over 100 students to accurately identify and mark attendance.
- Stored information for 100+ students in a Django model and developed a user panel for 50+ staff members to verify attendance.
- Resolved over 15 bugs related to incorrect student details.
- Collaborated with faculty from 5+ departments for suggestions and feedback.

## TECHNICAL SKILLS

**Languages:** Python, SQL (Postgres), JavaScript, HTML/CSS,

**Frameworks:** React, Django, Flask, FastAPI

**Developer Tools:** Git, Docker, VS Code, Visual Studio

**Visualization Tools:**Microsoft Power Bi, Tableau **Other Tools and Technology:**SSIS,SSMS

## CERTIFICATIONS

### Machine Learning A-ZTM: AI, Python and R

*Udemy*

### Python Programming

*Great Learning*