

Dhruvil Patel

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🌐 LinkedIn

🐙 GitHub

EDUCATION

- **Vellore Institute of Technology, Vellore** CGPA: 8.43
Computer Science and Engineering with specialisation in Data Science 2024
- **Rajhans Vidhyalaya, Mumbai** Percentage: 93.8
Central Board of Secondary Education, Maharashtra 2020

EXPERIENCE

- **UBS (Union Bank of Switzerland)** Jan 2024 - Present
Automation Intern Mumbai
 - Developed Python automation for Valuations Department, saving 50+ hours monthly.
 - Created Tkinter Dashboard for cloning Git, creating Anaconda environments, and viewing Power BI dashboards.
 - Implemented Email Automation, organizing over 300 Outlook emails into SharePoint folders by subject.
 - Designed Supervisory Attestation platform in Tkinter for monitoring process and Level2, Level3 sign-offs.
- **CollabNation** Jun 2022 - Sep 2022
Backend Developer Remote
 - Aided in development of WebApp features from inception.
 - Integrated Analytics, URL shortening, and Graph API functionalities and Implemented robust functionalities enhancing user experience.

PERSONAL PROJECTS

- **Predictive Text Generator** 2023
Sentence auto complete using KNN and LSTM
 - Tools & technologies: Python, Flask, Natural Language Processing.
 - Based on four stories data set successful in predicting the next 1-10 words based on users needs.
 - The corpus contains 3000 different tokens and 1200 lines of stories on which the model is trained on.
 - Successfully Integrated this model with a web app made on flask for User Interaction.
- **Farmers Market** 2022
Platform that allows farmers to sell their produce directly to potential buyers.
 - Tools & technologies: NodeJS, Express, EJS, MongoDB, Multer.
 - Introduced transparent bidding system, enhancing trade fairness and efficiency.
 - Enabled farmers to showcase produce with detailed information (images, quantity, quality, base price).
 - Utilized MongoDB Atlas and Mongoose for secure and scalable data storage.
 - Implemented automated email notifications for timely updates on sale completion and efficient communication.
- **Student Placement Analysis** 2021
Analysis of student campus placements using machine learning techniques.
 - Tools & technologies: Python, Machine Learning.
 - After considering multiple factors, the analysis determines which factors are the most crucial for students to secure a job placement.
 - This analysis was performed on 2213 data points gathered from students.
 - Compared the efficiency of multiple ML algorithms like Decision Tree(82.31%), Random Fores(80.09%) and Logistic Regression(74.7%).

TECHNICAL SKILLS AND INTERESTS

Languages: Java, Python, C++, C, JavaScript, R, HTML, CSS
Tools: Postman, Power BI, Power Query, Github, Visual Studio Code
Frameworks: Angular, jQuery, Flask, Express.js
Cloud/Databases: MongoDB, SQL, AWS, SQLite
Libraries: Pandas, NumPy, and SciPy, TensorFlow, Keras
Areas of Interest: Full Stack Development, Data Science, Automation

POSITIONS OF RESPONSIBILITY/ACHIEVEMENTS

- **Data Acquisition,** Team Uttejti Jul 2021 - Sep 2023
- **Runner up in Business Round,** Formula Imperial Season 8.0 30 Aug, 2022