

# VEDANT VIJAY KADAM

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## Education

### University Of Mumbai

Bachelor of Science in Information Technology

Sep. 2020 – July 2023

Mumbai, Maharashtra

### S.M.P.R Jr. College

Higher Secondary

Aug. 2018 – July 2020

Mumbai, Maharashtra

### St. George High School

Secondary

June. 2018

Mumbai, Maharashtra

## Projects

### Predictive Analysis for Banking Churn | Python, Scikit-Learn, Pandas, Flask

October 2023

- Designed a real-time banking churn prediction web application featuring, data engineering, feature scaling, Decision Tree Classification modeling, and comprehensive classification reports, including metrics such as recall, precision, F1-score, to evaluate model performance and enhance decision-making in customer retention strategies.
- Designed a user-friendly web interface using Flask and HTML, ensuring a seamless user experience. Implemented data validation for input accuracy.
- Users can input customer attributes, receive real-time churn predictions, and make data-driven decisions to reduce customer churn rates.

[Live](#) [Github](#)

### Wine Quality Predictor | Python, Scikit-Learn, Pandas, Flask

October 2023

- Extensive data exploration was performed to understand the dataset and identify underlying patterns influencing wine quality.
- Categorical data underwent preprocessing to prepare it for machine learning analysis.
- The project utilized a Random Forest Regressor to accurately classify wine quality, with a performance evaluation based on precision, recall, F1-score, and accuracy metrics.

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### Portfolio Website | HTML, CSS, JavaScript

October 2023

- My online portfolio, meticulously crafted with HTML, CSS, and JavaScript, acts as a showcase for my projects, exemplifying my technical expertise.
- Dive into a world of interactive web solutions and witness the synergy of front-end technologies as I demonstrate my coding proficiency through a curated selection of digital creations.

[Live](#) [Github](#)

### Diabetes Predictor App | Python, Scikit-Learn, Pandas, Flask

October 2023

- Conducted comprehensive data exploration and preprocessing, including the conversion of categorical data, to prepare the dataset for machine learning analysis.
- Employed the Random Forest Classifier for precise classification and generated a comprehensive report with key performance metrics, such as precision, recall, F1-score, and accuracy, to evaluate the model's effectiveness.

[Live](#) [Github](#)

### Car Selector App | React.js, Firebase

Aug 2023

- Easily search for cars through API integration, apply advanced filters, and explore detailed specifications.
- With user authentication features, including login, signup, and password management, it's a secure and convenient tool for all your auto- motive needs.

[Live](#) [Github](#)

## Experience

### Mira Advanced Engineering

July 2023 – August 2023

JavaScript MERN Stack Developer

Mumbai, Maharashtra

- During my internship as a JavaScript MERN stack developer, I had the privilege of working on a variety of projects. I extensively utilized JavaScript, React.js, Node.js, and Express.js to build robust web applications.
- Additionally, I gained hands-on experience with Firebase for real-time data management and MongoDB for effective database handling.
- These experiences significantly enhanced my proficiency in the MERN stack, empowering me with the skills needed for full-stack web development.

## Certifications

- Machine Learning and Flask Deployment (October 2023)
- Django Web Framework and REST API (September 2023)
- Fundamentals of Visualization with Tableau (Aug 2023)
- Python with Data Structures, Data Bases and Data Science (Aug 2023)
- JavaScript MERN Full Stack (July 2023)
- Complete Java with Desktop and Web App Development (July 2022 - Oct 2022)

## Technical Skills

**Languages:** Python, Java, HTML/CSS, JavaScript, MySQL, SQLite

**Technologies/Frameworks:** Scikit-Learn, Pandas, NumPy, Plotly, Flask, Django, RESTful APIs, React.js, Node.js, Express.js, MongoDB, Firebase, Tableau