# VEDANT VIJAY KADAM

Mumbai, India

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## Education

**University Of Mumbai**                                                          Sep. 2020 – July 2023
*Bachelor of Science in Information Technology*                                   *Mumbai, Maharashtra*

**S.M.P.R Jr. College**                                                          Aug. 2018 – July 2020
*Higher Secondary*                                                                *Mumbai, Maharashtra*

**St. George High School**                                                               June. 2018
*Secondary*                                                                       *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.
  **Live  Github**

**Portfolio Website** | *HTML, CSS, JavaScript*                                         September 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 in-depth data exploration to understand dataset characteristics and uncover patterns.
- Preprocessed categorical data to convert it into a suitable format for machine learning analysis.
- Utilized the Random Forest Classifier, an ensemble learning algorithm, for accurate classification, and performed predictions with the trained model.
- Produced a detailed report with precision, recall, F1-score, and accuracy metrics to assess model performance.
  **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
*Javasript 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