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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.

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

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 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

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