

Prathamesh Madniwale

+91-9370024838 | [portfolio](#) | 2xprathamesh@gmail.com | [Github](#) | [LinkedIn](#)

EDUCATION

SunBeam Institute of Information Technology, Pune-Hinjewadi

PG-Diploma in DBDA (Big Data Analytics)

Pune, Maharashtra

Aug. 2024 – Present

Yeshwantrao Chavan College of Engineering

Bachelor of Engineering in Computer Technology- (CGPA- 8.15)

Nagpur, Maharashtra

Aug. 2018 – May 2022

EXPERIENCE

Java Intern Trainee

Cognizant Technologies

Feb. 2022 – August 2022

Remote

- Gained hands-on experience and applied industry best practices in developing projects involving **Java**, **Spring**, **Spring Boot**, **MySQL**, **HTML**, **CSS**, **JavaScript**, and **AngularJS**.
- Acquired proficient skills in front-end technologies, including **HTML**, **CSS**, and **JavaScript**, to design interactive and user-friendly interfaces.

PROJECTS

Credit Score Prediction | Python, Machine Learning, Flask, AWS, SQL, Tableau

- Developed an **ML model** to predict credit scores, aiding in risk assessment and decision-making for lending institutions.
- Performed **data cleaning, preprocessing, and EDA** to identify key features influencing creditworthiness, including normalization, encoding, and feature selection.
- Implemented and compared multiple algorithms (**logistic regression, decision trees, ensemble methods**), optimizing performance using cross-validation.
- Evaluated model performance with metrics such as **accuracy, precision, recall**, ensuring reliability in real-world applications.
- Leveraged **Python (pandas, numpy, scikit-learn, matplotlib)** for development and used **Git** for version control.

Big Data Pipeline for News Data Analysis | Apache Spark, Hadoop (HDFS), SQL, AWS, Python

- Built a **Big Data analytics pipeline** using **Apache Spark** and **Hadoop** to process and analyze large-scale news data.
- Designed and implemented an **ETL pipeline**, integrating Spark for real-time data processing and HDFS for efficient storage.
- Extracted insights and identified **trending topics** from news articles using NLP techniques and stored results in **Hive** for SQL-based querying.
- Leveraged **AWS services** for scalable cloud-based deployment and optimized performance for handling vast datasets.

EzPay | Node.js, MongoDB, ReactJS

- Developed a **full-stack web application** using React and Node.js, which included secure user authentication and transaction processing. Implemented robust systems for authentication and transactions, ensuring seamless account management and money transfers.
- Utilized **NodeJS, MongoDB, ReactJS**, and **TailwindCSS** to create a modern, responsive user interface, and ensure smooth backend functionality.

TECHNICAL SKILLS

- **SQL**, **MongoDB**, **Python**, **PySpark**, **Hadoop**, **Hive**, **Linux**