

Prafulla Badgujar

+91 7972992215 | Pune, India | prafulbadgujar2512@gmail.com

[LINKEDIN](#) | [LEETCODE](#) | [GITHUB](#)

EDUCATION

Bachelor of Information Technology, Vishwakarma institute of information technology, **9.15 CGPA** (2021- 2025)

H.S.C, R.K.M Vidyamandir, Jalgaon, **96.16%** (2021)

S.S.C, R.R Vidyalaya, Jalgaon, **94.60%** (2019)

SKILLS

Programming Languages: C++ , JavaScript , Python

Databases: Mongo DB, MySQL, SQL

Frameworks: React JS, Express JS, Node JS, Bootstrap, Tailwind CSS

Tools: Git, GitHub, Visual Studio Code, Docker

Libraries: Pandas, NumPy, Matplotlib, NLTK (Natural Language Toolkit)

Soft Skills: Collaboration, Communication, Planning, Teamwork, Time Management, Leadership

PROJECTS

WasteWipe- Waste management and monitoring application

- Developing a unique project allowing users to report complaints and upload photos for waste collection issues
- Admin dashboard displays city-wise and area-wise detailed complaint analysis through bar graphs and pie charts
- Utilized Cloudinary cloud facilities for secure photo storage and retrieval via links
- Implemented MongoDB database for efficient information retrieval using aggregation pipelines.

Tech stack used: React.js, Express.js, Node.js, Tailwind CSS, MongoDB, Multer, JWT, Cloudinary

Automated Sentiment analysis of Tweets

- Pre-processed Twitter data using techniques like stopword removal and lemmatization.
- Built sentiment analysis models using Gradient Boosting, Decision Trees, and Naive Bayes algorithms
- Enhanced model effectiveness through ensemble learning, specifically Gradient Boosting Classifier

Tech stack used: Python, Pandas, NumPy, NLTK, ML

Waste Reporting Portal

- Developed Tkinter GUI for seamless user interaction, utilized SMTP for email communication
- Performed data analysis using Python libraries such as Matplotlib and NumPy
- Implemented Project with maximum reusability of code and optimize accuracy in data analysis

Tech stack used: Python, Tkinter GUI, SMTP, Matplotlib, Pandas

Notestash- Note Taking Application

- Notestash provides secure user authentication and CRUD operations for notes, powered by MongoDB for efficient storage.
- It features a responsive UI built with React and a robust backend using Express.js and Node.js, utilizing Bootstrap for design.

Tech stack used: React, Express.js, Node.js, Bootstrap, MongoDB

COURSES & EXTRA-CURRICULAR ACTIVITIES

- AWS Academy Graduate - AWS Academy Cloud Foundations ([click here](#))
- Published paper titled “ WASTE COLLECTION OPTIMIZATION THROUGH SOFTWARE LEVERAGING GPS LOCATIONS FROM CITIZEN-FILED COMPLAINTS” in International Research Journal of Modernization in Engineering Technology and Science.(DOI : <https://www.doi.org/10.56726/IRJMETS49161>)
- CCNA-Module 1, Cisco Networking Academy