

Shubham Adhav

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EDUCATION

Vishwakarma Institute of Information Technology

Bachelor of Technology in Information Technology | CGPA:- 9.07

Kondhwa, Pune

Dec. 2021 – May 2025

K.B. Rohamare Junior College

Higher Secondary Certificate | Grade:- 87.33

Kopergaon, Ahmednagar

Aug. 2019 – May 2021

Ashtavinayak English Medium School

Secondary School Certificate | Grade:- 87.40

Rahuri, Ahmednagar

June 2013 – March 2019

TECHNICAL SKILLS

Languages: Java, C++, Python, SQL, Shell Scripting, HTML/CSS

Frameworks: Tkinter, Bootstrap, Express.js

Developer Tools: Git, Linux, AWS, Docker, Kubernetes, MySQL Workbench, VS Code, Eclipse

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

Proficiency: Object oriented programming, Data Structures and Algorithms, Operating Systems, Database Management System, Computer Networks and Cloud Computing

PROJECTS

Waste Collection Mechanism | Python, Tkinter GUI, SMTP, Matplotlib, Pandas

- 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

Private Safe | Java, JDBC, SMTP, SQL

- Developed a file hiding system incorporating user signup/login with OTP via email
- Implemented file path input for storing file data in a MySQL database in binary format, and secure file deletion
- Enabled file retrieval by ID, creating empty files and extracting binary data for seamless restoration

WasteWipe | Node.js, Express.js, SQL, Git

- Developing an unique project allowing users to report complaints and upload photos for waste collection issues
- Admin dashboard displays region-wise and state-wise complaint analyses through bar graphs and pie charts
- Utilized Cloudinary cloud facilities for secure photo storage and retrieval via links
- JavaScript APIs, including the Navigator API, employed for GPS coordinates retrieval

Automated Sentiment analysis of Tweets | Python, Pandas, NumPy, NLTK, ML

- Preprocessed 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

CERTIFICATIONS

- [Data Structures and Algorithms](#)
- [AWS Cloud Foundations](#)

EXPERIENCE

Jt. Golmej Head

Competitive Examination Cell

Aug. 2022 – Sept. 2023

VIIT, Pune

- Hosted two Golmej discussions, showcasing my adept anchoring, group discussion, and public speaking capabilities
- Cultivated a dynamic and engaging environment that facilitated meaningful dialogue and participant involvement
- Explored ways to Co-operate among the team members

AREAS OF PROFICIENCY

Profound understanding of Geo-Politics and keen Interest in Indian Economy, adept at analyzing complex issues and articulating insights effectively.