Shubham Adhav

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EDUCATION

Vishwakarma Institute of Information Technology — Kondhwa, Pune
Bachelor of Technology in Information Technology | CGPA:- 9.07 — *Dec. 2021 – May 2025*

K.B. Rohamare Junior College — Kopergaon, Ahmednagar
Higher Secondary Certificate | Grade:- 87.33 — *Aug. 2019 – May 2021*

Ashtavinayak English Medium School — Rahuri, Ahmednagar
Secondary School Certificate | Grade:- 87.40 — *June 2013 – March 2019*

TECHNICAL SKILLS

Languages: Java, 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
- Implement Project with maximum resusability 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 — Aug. 2022 – Sept. 2023
Competitive Examination Cell — *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.