ASHISH DEVLEKAR

ashishdevlekar10@gmail.com | [LinkdIn](#) | [GitHub](#) | +91 9987075416

EDUCATION

Bachelor of Engineering in Information and Technology   Dec 2021 – July 2025
Vasantdada Patil Pratishtan's College of Engineering   *7.50 CGPA*

12th Boards(H.S.C)   Mar - 2021
D.G Ruparel College, Mumbai (82.67%)

10th Boards (S.S.C)   Jun - 2019
St. Theresa's High School (81.80%)

PROJECTS

Attendance System using Face Recognition | Python(ML)
Technologies Used: **Python, OpenCV, face recognition, Tkinter, pyttsx3 (Text-to-Speech), NumPy, CSV for data storage.**
- Implemented facial recognition using Haar Cascade and LBPH algorithms, showcasing problem-solving and analytical skills.
- Designed and developed an intuitive user interface with Tkinter, ensuring seamless user interaction and enhancing user experience.
- Leveraged OpenCV for image processing and integrated text-to-speech functionality, demonstrating a strong understanding of software development principles.

TRAYA: A Centralized Waste Management Solution
Technologies used: **Next.JS, CSS, Javascript, Node.js, Express.js, MongoDB, Flask(Python), Pytorch, Docker(Deployment).**
- AI-driven, IoT-integrated platform using Raspberry Pi GPIO Zero for waste collection, tracking, and disposal monitoring, ensuring efficient and real-time management
- Encourages user participation through specific rewards for recycling contributions, tackling the lack of incentives and boosting engagement.
- Uses AI for multimodel waste segregation, includes real-time monitoring of waste hotspots and connects users, collectors and recyclers in a unified hub for effective waste management.

Library Management System | Python
Technologies Used: **Python, Tkinter, MySQL, MySQL Connector, SQL, CSV (optional for reports/logs).**
- Built a library management system using Python and Tkinter, enabling efficient book cataloging and transaction management, showcasing software development skills.
- Implemented MySQL for robust database storage, enhancing data management capabilities.

INTERNSHIPS & CERTIFICATION

Python Programming Virtual Internship   Jan 2024 – Feb 2024
- Participated in a virtual internship focusing on practical applications of Python, enhancing programming skills relevant to software development and testing.

IBM Skills-Build and CSRBOX ChatBot Internship   Jun 2024 – Jul - 2024
- Developed an AI-powered chatbot using IBM Watson for a water sanitation project, gaining experience   in software development and debugging.

AI fundamentals (IBM)
- Course introducing fundamental concepts of AI offered by IBM

Technical Skills

Front-End Web Development: React.JS, Next.JS, JavaScript, Tailwind CSS, HTML, CSS
Back-End Web Development: Node.JS, Express, Flask
Database Management: MongoDB, SQL
Programming Languages: C, C++, Python
Other Technologies: GitHub, VS Code, IBM Watson