ASHISH DEVLEKAR

ashishdevlekar10@gmail.com | LinkedIn | GitHub | Portfolio | +91 9987075416

EDUCATION

Bachelor of Engineering in Information Technology   **July - 2025**
Vasantdada Patil Pratishtan's College of Engineering (7.45 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, Tkinter, pyttsx3 (Text-to-Speech), NumPy, CSV for data storage.**
- Implemented facial recognition using Haar Cascade and LBPH algorithms to automate attendance, demonstrating strong problem-solving and analytical skills.
- Designed and developed an intuitive user interface with Tkinter, ensuring seamless user interaction and enhancing user experience.
- Used OpenCV for image processing and added text-to-speech integration, showcasing solid understanding of 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 and GPIO Zero for real-time waste tracking and disposal monitoring.
- 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.

E-Dashboard System | Full-Stack
Technologies Used: **React.js, CSS, Node.js, Express.js, MongoDB Atlas, REST API.**
- Built a full-stack E-Dashboard system using React.js, Node.js, Express.js, and MongoDB Atlas to manage e-commerce operations with separate dashboards for admin and regular users to manage products, users, and orders.
- Implemented RESTful APIs and JWT-based authentication for secure login and data access, allowing admin users to perform full CRUD operations while regular users can browse products and manage their cart.

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**
- Built an AI-driven chatbot with IBM Watson to support a water sanitation project, enhancing skills in natural language processing, debugging, and real-world software development.

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

Technical Skills

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