

ASHISH DEVLEKAR

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EDUCATION

Bachelor of Engineering in Information Technology

Vasantdada Patil Pratishthan's College of Engineering

Dec 2021 – July 2025

7.45 CGPA

12th Boards(H.S.C)

D.G Ruparel College, Mumbai (82.67%)

Mar - 2021

10th Boards (S.S.C)

St. Theresa's High School (81.80%)

Jun - 2019

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 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