Vrushank Bhavsar

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EDUCATION

MIT-ADT University ,Pune — Expected Sep 2026
Bachelor of Technology - Computer Engineering

SKILLS

Programming Languages : C, C++, Python, Java, JavaScript, SQL,HTML,CSS
Libraries/Frameworks : ReactJS, React Native, NodeJS, ExpressJS, Flask, Web-RTC, Numpy, Pandas, Matplotlib, Tensorflow, Scikit-learn
Databases: MySQL, MongoDB, PostgreSQL
Tools: Git & GitHub, Docker, AWS, Linux, Google Colab, Cisco Packet Tracer, Arduino

PROJECTS

Home Seekr – ML Based House Price Prediction System Github Link

Created a web application that predicts house prices using machine learning based on user-inputted location and property details. Utilized data processing for accurate predictions and designed an intuitive UI/UX for seamless navigation. Achieved high prediction accuracy through iterative model refinement, showcasing my ability to integrate technical skills with practical application development.

Craftfolio – Personal Developer Portfolio Github Link

Designed and developed a modern single page portfolio website to showcase projects, technical skills, and experience. Implemented responsive UI, dark/light mode, and optimized performance for production deployment.

FindMe – AI Powered Missing Person Identification System Github Link

Built an AI-based surveillance solution leveraging computer vision and pre-trained CNN models to detect and recognize faces from CCTV footage. Implemented automated face matching against existing records to identify missing persons and designed a real-time alert mechanism to notify law enforcement authorities, improving response time and public safety outcomes.

AquaSafe — Water Contamination Risk Prediction Github Link

Built a comprehensive machine learning–driven water contamination risk assessment system that ingests and analyzes key environmental parameters—including temperature, pH, and turbidity—to identify and classify potential water quality threats. The system incorporates data preprocessing, feature engineering, and supervised learning models to detect anomalous patterns indicative of contamination. It supports risk-level prediction and early warning insights, enabling proactive decision-making for water safety monitoring and environmental health management.

ACHIEVEMENTS

Led a team to 9th place out of 427 submissions in Smart India Hackathon (SIH). Challenge: "A multimodal biometric system for employees with geo location."
Received 25,000 funding from CRiEYA Incubation Center, MIT ADT University.