

ANKUR M VASANI

+91 73507 60039 ◇ Mumbai, India

ankurvasani2585@gmail.com ◇ [LinkedIn](#) ◇ [GitHub](#) ◇ [Portfolio](#)

OBJECTIVE

Innovative IT professional with a Diploma from SVKM's Shri Bhagubhai Mafatlal Polytechnic and hands-on experience from an internship at Adani Power. Proficient in Python, React, Node, Flask, and machine learning, with a strong focus on responsive web and app development. Published 2 research papers. Dedicated to applying technical skills and creative solutions to drive excellence in tech environments.

EDUCATION

Diploma in Information Technology	2021 - 2024
SVKM's Shri Bhagubhai Mafatlal Polytechnic	
B.tech in Computer Engineering	2024 - 2027
SVKM's Dwarkadas J. Sanghvi College of Engineering	

SKILLS

- **Technical:** C, C++, Java, Python, PHP, C#, React, Node, Express, Flask, OpenCV, YOLO, Tensorflow, Flutter, Firebase, MySQL, MongoDB.
- **Tools:** Git, GitHub, Roboflow, Postman, Jupyter, Figma.

EXPERIENCE

Adani Power	<i>Dahanu, Maharashtra</i>
Web Developer	June 2023 - July 2024

- Spearheaded the development of a responsive website using React and Node.js, improving user accessibility.
- Collaborated with cross-functional teams to integrate backend services with front-end interfaces, ensuring seamless data flow and user experience.
- Conducted performance testing and debugging, resulting in a 25% reduction in system errors.

JP Morgan Chase & Co.	<i>Remote</i>
Corporate Analyst Development Program	July 2024 - August 2024

- Completed a job simulation focused on understanding the Corporate Analyst Development Program at JP Morgan Chase & Co.
- Built a visualization dashboard using Tableau
- Documented a business process and identified and communicated opportunities for improvement
- Developed a PowerPoint presentation to communicate key ideas and talking points and tell a compelling story

PUBLICATIONS

Revolutionizing Traditional Supermarkets: A Comprehensive Solution for Enhancing Efficiency, Security and Customer Satisfaction

ACM's Sixteenth International Conference on Contemporary Computing (IC3-2024)

Jaypee Institute of Information Technology and University of Florida

August 2024

New Frontier in Machine Learning: Revolutionizing Home Food Management using IoT and Object Detection

IEEE's 2024 12th International Conference on Information and Communication Networks (ICICN)

Thakur College of Engineering

February 2024

PROJECTS

EZfix: EZfix is an innovative platform designed to streamline service requests and management within housing societies and localities. The system caters specifically to residential communities by providing a user-friendly interface for both service providers and customers, ensuring efficient service delivery and management.

Personal Portfolio Website: Superheaded and developed a Personal portfolio website to showcase my skill, projects, publications etc Made with React.js + Vite, hosted on Netlify ([Try it here](#))

FridgeMate: An innovative Intelligent Refrigerator System that leverages the power of Object Detection and Machine Learning to revolutionize home food management. The system's Object Detection capabilities enable automatic scan of internal contents, providing an accurate inventory of stored items. Utilizing machine learning algorithms, the system then suggests recipes based on the scanned items. Furthermore, it predicts the shelf life of products and alerts the user through a mobile app. Additionally, the system automates the creation of frequently used item lists, facilitating seamless online shopping. This integrated approach offers a smart, efficient, and user-friendly solution for organizing, planning, notifying and optimizing household food management, promising to enhance convenience and reduce wastage.

Chartter: Chartter is a .csv/.xls file to graph or charts converter. It comprises React.js at the frontend and Python Flask at the backend. It can convert the files to line graph, scatter plot or bar graph seamlessly on the go.

EXTRA-CURRICULAR ACTIVITIES

- 1st runners up at VJTI TechnoVanza Hackathon
- Technical Paper Presentation at Tantra Utsav 2024 at Thakur Polytechnic, Kandivali (February 2024)
- Technical Head for Revolution'23