JANICE DCRUZ

Tech enthusiast

Passionate about learning and the desire to apply skills on a larger development scale. 7x Hackathon Winner

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Education

Fr. Conceicao Rodrigues College of Engineering , Mumbai University   **Bandra, Mumbai**

Bachelor of Engineering (Minor in Blockchain) - Computer Engineering : CGPA: 9.69   **(2021 - 2025)**

Courses: Data Structures and Algorithms, Databases, Computer Networks, Operating System, etc

Skills Summary

- **Languages:** JavaScript , Python , SQL
- **Frameworks / Libraries:** React, Tailwind CSS, Bootstrap, Langchain, Django, Streamlit, WEB XR
- **Tools & Platforms:** VScode, Git, GitHub, Postman, JIRA
- **Cloud:** AWS (EC2, S3, RDS)
- **Database Technologies:** MySQL

Work Experience

Quality Assurance Intern – Arcon   *Feb 2025 - Present (Onsite)*

- Manual Testing, JIRA, Excel, STLC, Postman, CLI, Bug Reporting, SMTP Mail Server, SSO, Database Connectors.
- Performed Manual & Functional Testing on their product **Converged Identity**, focusing on Bug Reporting & Integration.
- Leveraged Postman, CLI tools, and SSO/Database connectors for comprehensive API and back-end testing within the Software Testing Life Cycle (STLC).

Software Developer Intern - Exceller Tech   *Apr 2024 – July 2024 (Hybrid)*

- Python, Tesseract, JavaScript, OpenCV
- Created an OCR scanner using Tesseract that enables users to quickly upload and extract detailed information from documents (PAN card and Aadhar card), significantly reducing manual entry time from 25 seconds to 10 seconds.
- Developed a WhatsApp chatbot designed for the real estate industry, allowing users to seamlessly inquire about properties, schedule viewings, and receive instant property updates.

Projects

FoodCheck.ai (Group of 5)   *Nov 2024*

- Django, OpenCV, Kotlin, Twilio, Gemini, WebXR
- Developed a platform to track and alert users about expiring food, suggest AI-powered recipes based on ingredients, optimize fridge storage with augmented reality and distribute surplus food to restaurants using route optimization.

SmartBin+: Elevating Responsible Waste Disposal with Rewards (Group of 4)   *Aug 2023 - May 2024*

- Raspberry Pi, Django, Firebase, Android Java, Deep Learning, Cloud Computing
- A smart waste disposal platform that encourages responsible behavior by rewarding users. The system uses hardware (Raspberry Pi) and object detection to categorize waste. It also connects to the cloud for data tracking and user engagement through an app.

TasteTrail - Explore Recipes : https://recipe-website-react-js.vercel.app   *Apr 2024*

- React, MealDB API, Gemini, SCSS
- A website which simplifies recipe discovery and meal planning by allowing users to explore diverse recipes. Through a chatbot feature, users can generate personalized recipes based on preferences and available ingredients, and access detailed information, making cooking easier and more enjoyable.
- Users are able to save their favourite recipes and create weekly meal planners.

COURSES AND CERTIFICATIONS

- **Natural Language Processing with Classification and Vector Spaces**
- *Machine Learning A-Z: AI, Python & R + ChatGPT Bonus [2023]*
- **AWS Academy Graduate - AWS Academy Cloud Foundations**

PUBLICATIONS

- S. Sequeira, C. Chaughule, A. Castelino, J. DCruz, K. Wagle, and A. Pansare, **"SmartBin+: Elevating Responsible Waste Disposal with Rewards"**, published in the 2024 4th International Conference on Sustainable Expert Systems (ICSES), Nepal, Dec-2024.