Jal Bafana

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I'm a passionate and driven Computer Science and Engineering student, blending technical expertise with a creative edge. I enjoy building practical solutions—from data-driven dashboards and mobile apps to meaningful community impact projects—while constantly exploring new ways to grow as a developer, designer, and problem-solver.

EDUCATION

Mukesh Patel School of Technology Management and Engineering

Btech in Cyber Security   Mumbai • 07/2023 - 06/2027

Thakur College of Science and Commerce

HSC in Science   Mumbai • 06/2021 - 05/2023

SKILLS

Programming Languages: C++, CSS, HTML, Java, JavaScript

Frameworks/Libraries: Flutter, Java Swing / JavaFX, Next.js, React

Tools: Android Studio, Git, NetBeans, VS Code

PROJECTS

RentaByte

A modern, Java-based car rental management system with a graphical user interface using **Swing** and **FlatLaf**. The project allows vehicle rental, returns, customer management, and more. Designed for vehicle rental business owners to track customers and rentals efficiently.

Folder Generator

This **Python script** provides an intuitive graphical user interface (GUI) to create folder structures dynamically. Users can select a base directory and define a folder hierarchy using indentation. The script then generates the folders accordingly.

Android Music Player App

An interactive Android music player application that provides a seamless music playback experience with features like playlist management, favorites, and local storage integration.

AWARDS & SCHOLARSHIPS

Certificate of Participation – Inter-College Hackathon   02/2025

Cyber Cypher 4.0

VOLUNTEERING & LEADERSHIP

Vatsalya Trust Mumbai   05/2024 - 06/2024

Outreach Coordinator   Mumbai

I conducted outreach by calling parents of specially-abled children who had discontinued therapy, scheduled house visits, and gathered feedback. Also participated in CSR activities, conducted sessions on MS Excel and Tally, and supported community re-engagement initiatives.