

VIROCHNA SAXENA

saxenavirochna@gmail.com

| +91 9136124604

| [LinkedIn](#)

| Mumbai, Maharashtra

EDUCATION

Bachelor of Technology in Computer Science

VIT Bhopal University, Bhopal, Madhya Pradesh

- CGPA: 8.46/10 (as of January 2025)

Expected: October 2026

PROJECTS

Budget Balance – Smart Personal Finance App

- Tech Stack: Next.js, TypeScript, Tailwind CSS, Genkit (Gemini AI), OCR
- Built a responsive personal finance app to track expenses and generate AI-powered spending insights.
- Integrated Genkit AI to provide smart budgeting suggestions, detect anomalies, and analyse transaction behaviour.
- Implemented OCR-based receipt scanner to extract merchant name, date, and amount from physical receipts.
- Added Multi-currency and Travel Mode to automatically convert foreign transactions and analyse travel spending.
- Designed a shared wallet feature for splitting bills and tracking group expenses.
- Developed a personalized dashboard with animated greetings and daily summaries for enhanced user engagement.

MedWise Health Assistant App

- Engineered core chatbot functionalities to provide accessible medical information, enhancing user access to health resources by 20%.
 - Implemented robust data retrieval algorithms, achieving a 95% accuracy rate.
 - Integrated multiple medical databases and APIs, decreasing data retrieval time by 25%.
 - Optimized data flow and boosted response time by 30%.
 - Collaborated with a team of 4 to design, develop, and implement the chatbot's backend architecture.
 - Executed user testing and refined the user experience through iterative feedback integration, leading to increased user satisfaction.
-

TECHNICAL SKILLS

- Programming Languages: Java, Python, Html, CSS, Javascript, React, Node.js
 - Databases: MySQL, MongoDB
 - Networking: TCP/IP, DNS, Cloud Computing
 - DevOps & Tools: Git/GitHub
 - Business & Management: Project Management, Data Analytics
-

CERTIFICATIONS

- MATLAB Simulink Onramp - MathWorks
 - GENAI - IBM
 - Cloud Computing - SWAYAM NPTEL
 - Fullstack MERN with MongoDB - Smartbridge
 - Introduction to Data Analytics - Coursera
 - Python Essentials - Vityarthi
 - Winter Internship Technical Training Program - India Space Lab
-

ACTIVITIES

- 2x Runner-Up, College Chess Tournament (2023-2024)
- Member, Health-o-Tech Club: Organized 5+ hackathons and tech sessions on healthcare innovation.
- India Space Lab Trainee: Completed intensive program on space entrepreneurship, CANSAT/CubeSat development.