

# VIROCHNA SAXENA

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## EDUCATION

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<b>Bachelor of Technology in Computer Science (CGPA: 8.39)</b> VIT Bhopal University	2022-2026
<b>Senior Secondary (84.5%)</b> R.N. Podar School	2021-2022

## PROJECTS

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### Budget Balance - Smart Personal Finance App [Github](#)

- Developed a responsive finance app with AI-powered budgeting, anomaly detection, and spending insights.
- Integrated OCR for receipt scanning, multi-currency Travel Mode, and shared wallets for group expenses.
- Designed a personalized dashboard with summaries and interactive features.

### MedWise Health Assistant App - Kotlin, Java, Android Studio [Github](#)

- Built a medical chatbot integrating multiple APIs and databases with 95% accuracy.
- Optimized data retrieval and flow, reducing latency by 25–30%.
- Collaborated with a team of 4 and improved UX through iterative user testing.

### Babbly – Social Media Web App [Github](#)

- Developed a Twitter-like web application enabling user authentication, post management, follow system, and real-time notifications.
- Built with React.js, Node.js, Express.js, MongoDB Atlas, and Socket.io, ensuring responsiveness, scalability, and secure JWT authentication.
- Integrated Cloudinary for media uploads and deployed on AWS/Vercel for high availability.

## SKILLS

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**Programming:** Java, Python, HTML/CSS, JavaScript (React/Node.js), MySQL.

**Cloud/AI:** AWS Solutions Architect, Google Cloud, OpenAI API.

## CERTIFICATIONS

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GEN AI Using IBM Watsonx - IBM  
Fullstack MERN with MongoDB - Smartbridge  
Introduction to Data Analytics - Coursera

## EXTRA CURRICULARS

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- 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.
- **2× Runner-Up**, College Chess Tournament (2023–2024).