

# Sachin Jha

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## EDUCATION

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**Maulana Azad National Institute Of Technology, Bhopal**

*Master of Computer Application*

Aug-2024–Present

CGPA - 8.95

**University of Delhi**

*Bachelor of Computer Science*

Nov-2021–July 2024

CGPA - 8.99

## PROJECTS

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### Tastio [🔗](#) ([GitHub](#) [🔗](#))

- Developed a multi-role food ordering platform (Admin, Restaurant, Customer) with real-time order tracking, dynamic menus, and secure Stripe integration.
- Engineered MERN-based backend with JWT authentication and RESTful API architecture.
- Designed responsive UI using Tailwind CSS and React.js.
- Deployed to Render with environment-based configurations.

### Catalyst [🔗](#) ([GitHub](#) [🔗](#))

- Developed the official site for MCA Coding Club (NIT Bhopal), featuring dynamic events, coding contest, feature projects.
- Implemented fully responsive React.js + Tailwind CSS + shadcnUi

### Converso [🔗](#) ([GitHub](#) [🔗](#))

- Developed AI-driven voice communication platform enabling real-time user interactions over WebRTC.
- Built frontend with Next.js, Tailwind, and TypeScript; integrated Clerk for secure authentication.
- Used Supabase for real-time data and Vapi for voice transmission; ensured production stability with Sentry.
- Streamlined CI/CD workflows using Vercel for consistent, global releases.

### AI Medical Agent [🔗](#) ([GitHub](#) [🔗](#))

- Developed a healthcare voice assistant using LLMs and voice tech (Vapi + AssemblyAI) to automate symptom triage.
- Integrated OpenRouter (LLM gateway) with low-latency speech processing for real-time medical interactions.
- Created modular frontend in Next.js + TypeScript with shadcn/ui; ensured WCAG 2.1 accessibility.
- Used Neon + Prisma ORM for transactional data; deployed edge functions to handle voice-based logic.
- Deployed on Vercel with CI/CD + error tracking using Sentry;

### Spendwise [🔗](#) ([GitHub](#) [🔗](#))

- Created cross-platform expense tracking app with React Native (Expo) and serverless Postgres backend (Neon).
- Integrated Clerk for secure user authentication and built intuitive dashboard with filters, and multi-theme UI.
- Orchestrated API layer with Prisma ORM and deployed OTA updates using Expo Application Services.

## Technical Skills

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- **Programming Languages:** JavaScript, TypeScript, C++, Python, SQL
- **Libraries & Frameworks:** React.js, Next.js, Express.js, Node.js, Tailwind CSS, Redux Toolkit, Mongoose
- **Database & Tools:** MongoDB, Firebase, MySQL, Prisma ORM, Stripe API

- **Coursework:** Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, Software Engineering
- **Others:** Git, GitHub, Postman, Vercel, Render, VS Code, REST APIs, MVC Architecture, Responsive Design

## Coding Profile & Other Work

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### Competitive Programming Profiles

*Online*

- [LeetCode](#) 
- [Codeforces](#) 

## Ranks & Achievements

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<b>LeetCode(Max Rating :1877 Knight)</b> Solved 450+ problems across arrays, trees, DP, and graphs	2025
<b>Codeforces Pupil (Max Rating: 1211)</b> Regular participant in global contests	2025