

P Ramesh

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EDUCATION

VIT Bhopal University, Bhopal	2022 – 2026
<i>Bachelor of Technology in Computer Science and Engineering</i>	CGPA: 9.22
Kendriya Vidyalaya, Chirimiri, CG	2019 – 2021
<i>Senior Secondary (Class XII)</i>	95.8%
Kendriya Vidyalaya , Chirimiri, CG	2017 – 2019
<i>Secondary (Class X)</i>	92.6%

PROJECTS

Full-Stack — FinSight – AI-Powered Personal Finance Platform	May 2025 – Present
<i>Next.js, Supabase, Tailwind CSS, Prisma, Inngest, ArcJet, ShadCN UI</i>	
<ul style="list-style-type: none">Architected and deployed a full-stack platform for 200+ users to manage budgets, spending, and financial behaviorIntegrated Gemini AI for monthly report generation, reducing manual tracking time by 80%Implemented OCR-based receipt scanning with 95% accuracy and automated background jobs using Inngest and ArcJetActivated real-time insights and webhook alerts, boosting user engagement by 40%	
Full-Stack — PrepTalk – AI-Based Mock Interview Platform	Feb 2025 – May 2025
<i>Next.js, Firebase, Tailwind CSS, Vapi AI, Google Gemini, ShadCN UI, Zod</i>	
<ul style="list-style-type: none">Developed a real-time AI-powered mock interview tool supporting 300+ sessions across 5+ domainsAchieved a 92% success rate via AI-generated feedback using Google Gemini and Vapi AIDesigned a responsive dashboard using ShadCN UI, reducing user navigation time by 50%Secured user data with Firebase Authentication and Zod validation, preventing all unauthorized access	
Full-Stack — ChatSync – Real-Time Messaging Web App	Dec 2024 – Jan 2025
<i>MongoDB, Express.js, React.js, Node.js, Socket.io, Tailwind CSS, Daisy UI, Zustand, JWT</i>	
<ul style="list-style-type: none">Engineered a real-time messaging platform with 200ms delivery latency for 100+ active usersAchieved 99.9% uptime across environments via robust WebSocket implementation using Socket.ioImplemented secure JWT-based authentication and Zustand state management, reducing login errors by 75%Built a fully responsive UI with Tailwind CSS and Daisy UI, increasing mobile retention by 60%	

TECHNICAL SKILLS

Concepts: Data Structures, Algorithms, OOP, Operating Systems, DBMS, Computer Networks, System Design
Frameworks: React.js, Next.js, Node.js, Express.js, Vapi AI, Google Gemini, Socket.io, ShadCN UI, Zod
Programming: Python, Java, C/C++, JavaScript, TypeScript, SQL, MongoDB, PostgreSQL, Firebase, Git, Docker, AWS

CERTIFICATIONS

Marketing Analytics & Data-Driven Decision Making – NPTEL, IIT Kharagpur	<i>May 2025</i>
Certified MERN Stack Developer (MongoDB) – Smartbridge	<i>Apr 2025</i>
Cloud Computing – NPTEL, IIT Kharagpur	<i>Apr 2024</i>

EXTRACURRICULAR ACTIVITIES

2nd Place – Eureka Hackathon (College-Level): Secured **2nd place out of 20 teams** by building a real-time video conferencing platform for academic collaboration

Smart India Hackathon 2024: Built a scalable solution for a real-world ministry problem in a national-level software innovation challenge

LeetCode & GeeksforGeeks Achievements: Solved **500+ DSA problems** with a **94% acceptance rate**, across arrays, trees, DP, and graphs

Event Coordinator – VIT Bhopal: Led 10+ technical events and coding contests; increased student participation by **40%**