YASH KUMAR

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Education

Parul University	**Vadodara, Gujarat**
B.Tech. in Computer Science – CGPA: 8.25/10	*Sept 2022 – May 2026*
A.V.M. Sr. Sec. School	**Siroh, Rajasthan**
Major: Physics, Chemistry, Mathematics (PCM) – 85.40%	*April 2022*
Govt. Sr. Sec. School	**Siroh, Rajasthan**
10th Board – 78.80%	*April 2020*

Projects

PrepWise – AI-Powered Interview Intelligence Platform | *Next.js, Tailwind CSS, Firebase, Vapi AI, Gemini, shadcn/ui*
- Developed a futuristic AI interview simulator that conducts **real-time, ultra-low-latency voice conversations**, delivering human-like mock interviews via Vapi AI.
- Engineered with such precision that users **struggle to distinguish AI from a real interviewer**, featuring emotion-aware responses, adaptive tone, and contextual follow-ups.
- Auto-generates **company-specific, role-aware questions** using Gemini and web scraping to simulate actual hiring rounds across FAANG/startups.
- Architected as the foundation for a **scalable, AI-native hiring ecosystem** with recruiter dashboards, applicant scoring, and voice-first screening.

Rupeek.ai – Mehnat Teri, Math Mera | *React, Node.js, Firebase, MongoDB, Generative AI, Authentication*
- Built a personal finance assistant that acts like an intelligent Chartered Accountant, integrating Fi's MCP server to fetch live net worth from banks, SIPs, stocks, credit scores, liabilities, and assets.
- Enabled structured, contextual financial chat using Claude AI and Google Agentix.
- Designed a smart goal planner: users define financial goals and Rupeek.ai automatically allocates funds monthly, with end-of-month optimization suggestions.
- Unified all money records in one app with visual dashboards.

Orderly – Online Food Ordering System (LLD Project) | *C++, OOP, Design Patterns*
- Implemented key design patterns like Abstract Factory, Strategy, Facade, and Factory and Solid Principles to achieve clean architecture.
- Enabled functional features like restaurant search, menu browsing, cart management, and order placement with payment options.
- Designed for scalability: supports both delivery & pickup models, logging, and future analytics layer integration.

Hospital Buddy – AI Healthcare Automation | *N8N, MongoDB, Notion, Google Calendar, Grok AI, Twilio*
- Built an AI-based platform replacing manual front-desk by automating hospital services like appointments, ambulance, loans, meals, room service, and lab reports.
- Integrated Retell AI and Twilio for multilingual voice/text support, achieving 5× faster scheduling and reducing staff workload by 70%.
- Connected Google Calendar and Sheets APIs for real-time alerts, auto-reminders, and smart family notifications.

Technical Skills

Languages: C++, JavaScript, Python, C, Java
Web/Backend: React, Node.js, Express.js, REST APIs, n8n.io
Databases: MongoDB, MySQL, Firebase
Tools: Git/GitHub, Postman, Tailwind CSS
Core: MERN Stack, DSA, OOP, LLD, SOLID, System Design

Achievements & Leadership

PU Code Hackathon Winner (2025): INR 1.5L – 1st place among 700+ teams for building a full-stack automation platform.
AIML Healthcare Hackathon Finalist (2025): Top 10 out of 156+ teams for an AI-based hospital support system.
NMMS National Scholar: INR 48,000 – Awarded for national-level academic excellence.
Leader – CrowdStrike Hackathon Team: Led 1.5L+ winning projects in AI, fintech, and automation domains.
Placement Cell Coordinator: Conducted 10+ placement drives, enabling 30+ companies to recruit 200+ students.