Harshkumar Rana

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EDUCATION

Pandit Deendayal Energy University, Gujarat	2026
B. Tech in Computer Science and Engineering	*CGPA: 9.51*

Jay Ambe International School, Bharuch	2022
Central Board of Secondary Education Board	*Percentage: 91.00%*

Jay Ambe International School, Bharuch	2020
Central Board of Secondary Education Board	*Percentage: 88.4%*

EXPERIENCE / INTERNSHIP

Episodic Labs - PHP Web Developer Intern　　　　　　　　　　April 2025 – Present

Ahmedabad, Gujarat, India - Hybrid

- Implemented asynchronous JavaScript and Google OAuth for seamless user authentication on ProfitBooking.in, significantly improving user login experiences.
- Automated routine tasks using cron jobs, optimizing backend processes and triggering AI-generated research reports and stock news analysis.
- Developed scripts to fetch and integrate real-time stock market data, enhancing both platform insights and automated email delivery of personalized research.

PERSONAL PROJECTS

SensAI - AI-Powered Career Coach | *Next.js, Shadcn UI, Prisma, Gemini AI* | GitHub | Demo　　　June 2025

- Developed an AI-driven career assistant offering personalized cover letter generation, mock interviews, performance analytics, and actionable career insights.
- Integrated Gemini AI via Clerk-authenticated sessions, enabling seamless and secure user interactions within a modern Next.js interface.
- Implemented dynamic dashboards and modular components using Shadcn UI and Prisma for robust data handling and smooth UX.

TeamSync - Team Collaboration Platform | *MERN Stack (TypeScript)* | GitHub　　　　　March 2025

- Engineered a full-featured multi-tenant project management system with role-based access, workspace segmentation, and task collaboration.
- Integrated Google OAuth and cookie-based session management for secure, scalable team access.
- Implemented analytics, filters, and real-time workspace updates using Mongoose transactions and modular React components.

Snippy - A Code Sharing App | *MERN stack (Next.js, TypeScript)* | GitHub | Demo　　　　Dec 2024

- Built a collaborative code-sharing platform with user profiles, "Top Creators" and "Popular" sections ranked by like counts.
- Developed powerful search & filtering: global search bar with instant results and language-tabs for one-click filtering across major programming languages.
- Designed rich snippet cards with syntax highlighting and line numbers plus copy-to-clipboard and bookmark toggles for seamless snippet reuse.

TECHNICAL SKILLS AND INTERESTS

Programming Languages: Python, Java, C, C++, JavaScript, PHP
Tools: Git, GitHub, VS Code, Postman, XAMPP, Firebase, Kali Linux (Wireshark, Burp Suite, Metasploit, Nmap)
Frameworks: ReactJS, Node.js, ExpressJS, Tailwind, Bootstrap, Laravel, Next.js, Prisma, Shadcn UI
Databases: PostgreSQL, MySQL, MongoDB
Soft Skills: Problem Solving, Time Management, Teamwork, Leadership, Accountability, Communication, Adaptability
Libraries: pandas, NumPy, Matplotlib, Scikit-learn, Seaborn
Courses: Data Structures & Algorithms, Database Management Systems, Cyber Security, Software Engineering, Digital Electronics, Computer Organization, Microprocessor Programming and Interfacing, Operating System, Object Oriented Programming