Harshkumar Rana

Bharuch, Gujarat, India

📞 +91 9727347935 | ✉ harsh.rce22@sot.pdpu.ac.in | 🔗 linkedin.com/in/harsh810004 | ⭘ github.com/Hr810004

EDUCATION

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

EXPERIENCE / INTERNSHIP

Episodic Labs − Software Developer Intern — Apr 2025 – Present
Ahmedabad, Gujarat, India — Hybrid
- Developed and optimized 15+ production-grade modules on ProfitBooking.in, increasing feature coverage by 60% and improving user engagement across stock search, GPT-based gainers, and community systems.
- Pioneered a secure, AI-powered analyst tool featuring OTP login and Groq API integration, used weekly by 50+ analysts, enhancing stock insight generation by 35% and boosting team productivity.
- Automated 12+ backend processes using async JavaScript, Google OAuth, and cron jobs reducing manual workload by 70% and enabling daily AI-driven research reports and stock newsletters.
- Integrated live stock data pipelines from Zerodha & AngelOne, reducing query latency by 40% via reusable PHP modules and normalized MySQL schemas.
- Future goals: Deploy modular plugins for internal tools, implement predictive AI models for stock screening, and consolidate multi-source analytics dashboards.

PERSONAL PROJECTS

SensAI - AI-Powered Career Coach | *Next.js, Shadcn UI, Prisma, Gemini AI* | GitHub | Demo — Jun 2025
- Built an AI-driven career tool evaluated with 10+ mock users to generate personalized cover letters, mock interviews, and performance tracking.
- Secured Gemini AI sessions via Clerk-authentication, achieving zero session errors during local testing.
- Designed modular dashboards with Prisma and Shadcn UI, improving data load time by 40% in test cases.
- Future scope: Enhance interview analytics and personalized AI feedback for career advancement.

TeamSync - Team Collaboration Platform | *MERN Stack* | GitHub | Demo — Mar 2025
- Created a scalable, multi-tenant project manager with granular workspace permissions, validated in real-world multi-user scenarios.
- Integrated Google OAuth for seamless, secure authentication, achieving 100% login reliability across all major browsers.
- Optimized workspace updates and filtering latency by 50% using React and Mongoose logic.
- Future scope: Real-time chat and notification integration for enhanced collaboration.

Snippy - A Code Sharing App | *MERN Stack* | GitHub | Demo — Dec 2024
- Developed a peer-reviewed code-sharing platform with user profiles and sections ranked by usage frequency.
- Added global search and language filters, enabling 3x faster snippet access in test environments.
- Styled snippet cards with syntax highlighting, clipboard-copy, and bookmark support for ease of reuse.
- Future scope: Collaborative editing and real-time comments to boost community interaction.

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C++(Proficient),Python, Java, 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
Courses: Data Structures & Algorithms, DBMS, OS, OOPS,Computer Networks, Cyber Security, Software Engineering, DECO, Microprocessor Programming and Interfacing,

ACHIEVEMENTS

LeetCode: Solved **100+ problems**
GUJCET: Secured **92.71 percentile** in the Gujarat Common Entrance Test (GUJCET) 2022