Chimala Saikiran

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EDUCATION

- **Parul University**
Bachelor of Computer Science (Artificial Intelligence)
Vadodara, Gujarat
Jul 2022 – May 2026

- **Vidya Vikas Junior College**
MPC (Mathematics, Physics, Chemistry) – 79%
Eluru, Andhra Pradesh
Jun 2020 – Apr 2022

PROJECTS

- **AI Medical Voice Agent** (GitHub) — *React, Next.js, Gemini AI, Vapi*
  - **Voice AI**: Built a real-time AI-powered medical voice assistant enabling natural voice-based patient interaction.
  - **NLP & Speech**: Implemented speech recognition and natural language understanding to answer medical queries accurately.
  - **Frontend**: Developed a responsive Next.js interface with seamless voice integration for accessibility.
  - **Impact**: Improved patient engagement through instant voice-based support and medication reminders.

- **Document Summary Assistant** (Live) — *React.js, AI APIs, NLP*
  - **AI Summarization**: Developed an AI-powered web application to generate concise summaries from large documents.
  - **Text Processing**: Implemented NLP-based text chunking and summarization for accurate content extraction.
  - **User Experience**: Designed a clean and intuitive UI enabling users to upload documents and view summaries instantly.
  - **Deployment**: Deployed the application on Vercel for fast and scalable access.

- **Smart Site Task Manager** (GitHub) — *Flutter, Node.js, Express.js, Supabase, PostgreSQL*
  - **Smart Classification**: Implemented automatic task categorization, priority detection, and suggested actions using keyword-based analysis.
  - **Mobile App**: Built a Flutter mobile application with Material 3 UI and smooth user experience.
  - **Backend**: Developed RESTful APIs with filtering, pagination, and task history tracking.
  - **Deployment**: Integrated Supabase (PostgreSQL) and deployed the backend on Render for production use.

ACHIEVEMENTS AND RESPONSIBILITIES

- **LeetCode**: Solved 90+ problems with a contest rating of 1514 and Global Rank of 307K (Top 40%).
- **CodeChef**: 1114 rated (Division 4), solved 150+ problems with Global Rank 103K+ and Country Rank 97K+.
- **GeeksforGeeks**: Institute Rank 320, solved 30+ problems with a coding score of 91 and active POTD streak.
- **Hackathon**: Participated in Hack-4-Mini 2.0, a national-level hackathon by CodeOHolics under the theme "One Nation, One Code, Infinite Innovation" (May 2025).

SKILLS

- **Programming Languages**: C++, Java, JavaScript, SQL (PostgreSQL, Firebase).
- **Frontend & Backend**: HTML, CSS, React.js, Tailwind CSS, Node.js, Express.js, REST APIs.
- **Databases**: MongoDB, SQL, Firebase.
- **Developer Tools**: Git, GitHub, VS Code.
- **CS Fundamentals**: Object-Oriented Programming (OOPs), DBMS, Computer Networks, Operating Systems.

CERTIFICATIONS AND TRAINING

- **Database and SQL – Infosys ETA Initiative**: Demonstrated strong knowledge in designing, querying, and managing databases.
- **Full Stack Software Developer Assessment – IBM**: Demonstrated proficiency in full-stack development with industry-relevant practices.
- **Computer Networks and Internet Protocol – NPTEL (IIT Kharagpur)**: Earned Elite certificate with 75% score; strong performance in assignments and proctored exam.
- **Data Structures & Algorithms Training**: Completed training at Parul Institute of Engineering and Technology focusing on C++ and algorithms.