Aryan Rathod

+91 8155997606 | aryanrathod1515@gmail.com | Linkedin | Github

EDUCATION

Dhirubhai Ambani University	Gandhinagar, Gujarat
B.Tech in Information and Communication Technology	*Aug 2023 – Present*
CPI: 7.22	

PROJECTS

Saarthi – AI-Powered Mock Interviewer for SDE Roles
Express.js, React.js, JavaScript, Tailwind CSS, Gemini API, AssemblyAI API — GitHub

- Ongoing project to build a mock interview platform simulating real SDE interviews across three tracks: DSA coding, CS fundamentals + resume, and behavioral rounds.
- Integrated Gemini and AssemblyAI APIs to generate dynamic interviewer responses, transcribe speech, and analyze tone for evaluating both technical and behavioral answers.
- Implemented resume parsing to extract key details and generate tailored interview questions targeting candidate-specific experiences and skills.
- Currently provides personalized feedback highlighting strengths and improvement areas. Planned features include authentication, session history, and enhanced frontend UX.

Samachar – Category-wise News App
MERN Stack, NewsData.io API, Render, Vercel — GitHub | Live Demo

- Built a responsive news application using the MERN stack with category-wise news retrieval via NewsData.io API.
- Implemented dynamic content loading based on user scroll to enable a smooth infinite scroll experience.
- Added backend caching to optimize API usage and improve performance.
- Deployed frontend on Vercel and backend on Render.

Crime Record Management System
SQL, BCNF Normalization, ER Modeling — GitHub

- Designed a relational database to manage records of criminals, crimes, and court cases.
- Applied BCNF normalization to reduce redundancy and maintain data integrity.
- Created ER diagrams and SQL schema to define relationships and support queries for investigations and legal processes.

EXPERIENCE

Craft Silicon Foundation	Dec 2024
Shiksha Mitra Intern	*Balapar, Bet Dwarka, Gujarat*

- Taught core subjects to students of grades 1–8 for 80+ hours and promoted digital learning through basic computer sessions.
- Conducted awareness sessions on girl child education, prepared a playground budget plan, and supported school data and class schedule management with co-interns.

TECHNICAL SKILLS

- **Languages/Frameworks:** Java, JavaScript, SQL, MERN Stack, TailwindCSS, Prisma
- **Databases/Tools:** MongoDB, PostgreSQL, Git, Postman, PgAdmin, basic MATLAB
- **Relevant Coursework:** Data Structures, Design and Analysis of Algorithms, Operating Systems, Database Management Systems, Object-Oriented Programming, Introduction to robotics.
- Solved 230+ problems on Codeforces (Max rating: 1320 with Pupil tag)
- Solved 450+ problems on Leetcode (Max rating: 1560)

EXTRACURRICULAR ACTIVITIES

Coordinated the "Open Box" event at I-Fest 2024.

Organized the Youth Run under the annual fest committee, promoting traffic awareness with 200+ participants across Gandhinagar.

Represented Gujarat at the **National Level SGFI Archery Championship** in 2020.