ABHI PATEL

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EDUCATION

LDRP Institute of Technology and Research — 2020 - 2024
Bachelor of Engineering - Computer Engineering; CGPA: 8.23

SKILLS

Languages	HTML, CSS, JavaScript, C, C++
Frameworks	ReactJS, NextJS, NodeJS, ExpressJS
Tools	MongoDB, SQL, Firebase, REST API

EXPERIENCE

Tata Consultancy Services(TCS) (Assistant System Engineer) — Nov 2024 - Present
- Worked on enterprise-scale applications, contributing to frontend and backend modules using JavaScript, REST APIs, and modern web technologies.
- Designed and implemented reusable frontend components and supported backend API development for scalable applications.

Google Summer of Code (GSoC'24) - Rocket.Chat (Student Developer) — May 2024 - Oct 2024
- Developed the complete end-to-end feature of multiple files sharing in one message along with UI and functionality of adding and removing files in Rocket.chat channels threads and discussion.
- Created impact for over 12M+ users with this feature implementation catering to both business and regular social communication needs on a daily basis.
- Collaborated with the Rocket Chat team for ideas and strategies to ensure effective development and optimization of the feature.

Yugazephyr (Web Development Intern) — Nov 2023 - May 2024
- Developed homepage and service page of a photography website with a user-friendly and responsive design.
- Implemented a fully functional photography website tailored to showcase high-quality image portfolios
- Implemented secure and scalable image storage and retrieval via AWS S3 buckets through API integration.

Tatvasoft (Web Development Internship) — May 2023 - Jun 2023
- Developed a responsive and user-friendly book buying and selling platform.
- Implemented features like autosuggestion, toast message, login/logout, selling books, buying books, order bucket, sorting books, books categories, etc.
- Utilized AWS S3 for deploying the website and for uploading and managing files.

PROJECTS

ChatWhiz (Full Stack Real Time Chat Application) (github.com/abhipatel0211/ChatWhiz.git ⎋)
Technology Used:- React, MongoDB, Express, Nodejs, Web Socket server
- Developed a Real-time Chat Application where users can send and receive message on real time Users can also get notifications alerts and can also share and receive files.
- Developed user status indicators and dynamic user sorting for optimized functionality and user experience.
- Used WebSocket for real-time communication, enabling instant messaging and live user updates.

TCEV (Traffic Clearance For Emergency Vehicle)
Technology Used:- React, Node, MongoDB, Express, python, LeafletJs, Mapples (MapmyIndia) API, Geolocation API
- It is the solution to the problem statement at "Azadi ka Amrit Mahotsav" (Government Hackathon).
- Developed an app for emergency vehicles, enabling live tracking and route clearance via controlled traffic lights.
- Implemented machine learning for ambulance emergency detection and GPS for optimized traffic clearance.

ACHIEVEMENTS & EXTRACURRICULAR

- Azadi Ka Amrit Mahotsav Hackathon Winner (SSIP, Government of Gujarat) (View Attachment ⎋)
- Achieved a Bronze Medal in the International Cyber Olympiad.
- Solved 300+ DSA Problems, demonstrating strong problem-solving skills.