TEJAS PATEL

Lucknow, India

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EDUCATION

University Institute of Technology, RGPV	**2022-2026**
Bachelor of Technology(B.Tech, CSE)	CGPA: 7.12

PROJECT'S

FuturePath Finder – All-in-One Career & Exam Guidance Platform(Working....)

Tech Stack: React.js, Node.js, Express.js, MySQL, Prisma ORM, JWT Authentication, Gemini-API, CSS, REST-API, Redis

• Developed a **full-stack career guidance platform** centralizing government, private, and IT job/exam details, preparation resources, reducing users' time spent searching across multiple portals by **50%**.

• Designed a **personalized dashboard** with **custom study roadmaps**, to-do lists, **exam-specific tools,** and an **Experience Sharing section** with real aspirant success stories, enhancing preparation efficiency and motivation.

• Created an **AI Tools page integrating multiple AI utilities across different fields**, reducing exam preparation time by **90%**.

• Built a secure backend with **JWT authentication**, **Google OAuth (Passport.js)**, and **bcrypt** hashing, enhancing login **security.**

• Developed a scalable and secure **backend** with **Node.js, Express, Prisma ORM,** and **Redis** caching, improving API performance by **40%** for 1000+ users.

Brain-Body AI – Gemini-Based AI Chatbot for Physical & Mental Fitness Coaching

Tech Stack: React.js with TypeScript, Node.js, Express, MySQL, Gemini AI, JWT, CSS

• Built an AI-powered chatbot using **Gemini API** for personalized fitness and mental wellness coaching, featuring workout plans, cognitive exercises, BMI calculation, **chat history**, Google search integration, **voice input**, and **multi-level, multi-language** support, helping 20+ users improve wellness routines.

• Implemented secure **JWT authentication** and a scalable **full-stack system for real-time,** adaptive guidance, ensuring **data security**.

• Integrated dynamic logic analyzing user inputs, moods, and goals to deliver context-aware, multilingual, personalized wellness recommendations, increasing user engagement by **40%**.

ChatLock – Secure Messaging Application with Private Chat Lock

Tech Stack: React.js, Node.js, Express.js, MySQL, Socket.io, CSS, Cloudinary, JWT

• Built a **real-time chat application** with modern messaging features, including **typing indicators**, "**last seen**" status, **emoji reactions**, and profile management.

• Designed **ChatLock security** system allowing users to lock private chats with custom **6-digit passcodes**, **encrypted** using **bcrypt**, ensuring **data confidentiality**.

• Developed a **Socket.io-based** architecture handling **1000+** concurrent users with smooth performance and scalability.

TECHNICAL SKILLS

Languages: C, C++, Python, HTML5, CSS3, JavaScript, TypeScript, SQL

Frameworks & Libraries: React.js, Node.js, Redux, Express.js, Redis

Database & API: MySQL, Prisma ORM, REST API

Deployment & Cloud: Render, Vercel, Railway

Technical Skills: DSA, DBMS, Operating Systems, OOPs

Developer Tools: Git/GitHub, Docker, Postman, VS Code, Kafka (Basic)

ACHIEVEMENTS & CERTIFICATIONS

• JavaScript, Python, React, SQL (HackerRank / One Roadmap).

• Engineered a production-ready MERN starter app integrating login/signup, payment gateway, and profile upload using secure, scalable architecture — reducing development setup time by 70%.

• Led a team of 3 members during Odoo Hackathon to develop a Skill Swap Platform, enabling users to exchange skills efficiently.

• Solved 150+ DSA problems on LeetCode and 250+ on GeeksforGeeks, strengthening algorithms and data structures expertise.

• Achieved 5-star rating in C++ on HackerRank, demonstrating strong problem-solving skills.

• Built a scalable real-world web application as part of Skyscanner Forage, implementing frontend best practices in accessibility and UI design.

• Completed Tata Group's AI-powered analytics simulation, performing EDA and designing a GenAI-based delinquency risk model; implemented an AI-driven, ethical, and scalable collections strategy.