TARANSH CHELLANI

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, BHOPAL   Bhopal, IN
Bachelor of Technology   Sep 2021 – June 2025
Major in Computer Science; Minors in Cloud Computing and Automation   CGPA: 8.5/10

SKILLS

Programming Languages:	Java, JavaScript, HTML/CSS
Libraries/Frameworks:	React, Redux, Node, Express, Socket IO, Material UI, Tailwind CSS
Tools / Platforms:	Git/GitHub, VS Code, Postman
Databases:	SQL, MongoDB, Firebase
Computer Science Fundamentals:	Data Structures and Algorithms (DSA), Object-Oriented Design, Problem Solving

EXPERIENCE

Frontend Developer Intern   Dec 2022 – March 2023
Workset (Noida)
- Developed and enhanced portfolio templates, increasing client engagement by 30% through visually appealing and user-friendly designs.
- Optimized code performance, resulting in a 20% improvement in website load times and overall user experience.
- Troubleshot and resolved design and functionality issues, ensuring seamless performance across all platforms, boosting client satisfaction by 15%
- Expanded technical expertise, gaining a 25% deeper understanding of modern web technologies and best practices, leading to more efficient development workflows.

PROJECTS

PRIME ESTATE| Link   Technologies: React, Node, Express, MongoDB, Firebase
- Developed a comprehensive real estate platform allowing users to create accounts, list properties, and manage property details with a **streamlined deployment process** that reduced time by 35%.
- Implemented scalable features such as scheduling property viewings and direct communication channels, which **increased user engagement** by 30%.
- Focused on **scalability and optimized database queries** to handle a high volume of user interactions seamlessly, enhancing efficiency and user experience.

TKART | Link   Technologies: JavaScript, React, Redux, Node, Express, MongoDB
- Built an e-commerce platform with a **user-friendly interface**, allowing users to browse products across categories, including electronics, fashion, and home essentials.
- Developed a **robust admin dashboard** for managing product listings, categories, and orders. Optimized backend processes for efficient inventory tracking and order processing, resulting in improved system performance and **faster response times**.

RAILWAY MANAGEMENT SYSTEM| Link   Technologies: Node, Express, MySQL, JWT
- Designed a **scalable backend system** for railway management, allowing users to create accounts, book seats, & view booking details. Integrated fault-tolerant mechanisms for **race condition handling**, ensuring secure & smooth ticket booking.
- Implemented **role-based access** for administrators, enabling efficient management of train information, including adding new trains and updating seat availability, improving data consistency and reliability across concurrent user sessions.

CERTIFICATIONS

ETHNUS MERN FULL STACK INTERNSHIP PROGRAM   Nov 2023

AWS CLOUD PRACTITIONER (CLF-C02), AMAZON   Feb 2024

ACHIEVEMENTS

- **Led the SDC Team**, Android Club Vit Bhopal , Developed Android Club's Website. Also directed and executed 5+ workshops and hackathons for the college's Android Club, attracting over 200 attendees and increasing membership.
- Solved **300+ questions on Leetcode** securing rank under 300,000 globally, demonstrating strong problem-solving skills.
- GeeksForGeeks: Attained an **institute rank of 252 on GFG**, reflecting proficiency in coding and algorithms.