

DHRUV SAINI

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EDUCATION

Vellore Institute of Technology <i>B.Tech - Computer Science and Engineering - CGPA - 9.14</i>	Aug 2022 - May 2026
Bal Bharati Public School <i>CBSE XII - Percentage - 94%</i>	Mar 2021 - Mar 2022 <i>Pitampura, Delhi</i>

EXPERIENCE

Deloitte Touche Tohmatsu Limited <i>Role: Intern, Technology & Transformation</i>	May 2025 – Aug 2025 <i>Gurugram, Haryana</i>
<ul style="list-style-type: none">Developed a microservices skill-badge platform serving 20,000+ employees across departments.Improved API response times by integrating Redis caching, reducing latency under peak load.Engineered scalable PostgreSQL schemas to support GenAI-driven skill recommendations for enterprise users.Implemented an admin portal with role-based access control, automating 3+ badge-issuance workflows.Enabled secure digital badge issuance with metadata, ensuring 100% verifiability and easy external sharing.Devised schema-migration strategies to resolve complex technical challenges across systems.Leadership: Coordinated cross-functional efforts and presented key outcomes to Deloitte senior management.	

PROJECTS

Dominion FC - Squad Formation Express, Flask, React.js, Redux, NeonDB, Firebase	Jan 2025 - Apr 2025
<ul style="list-style-type: none">Designed a secure Neon (PostgreSQL) database storing 40K+ player records and optimized queries for high performance.Integrated Firebase Auth with PostgreSQL for robust user authentication and granular access control.Integrated a GenAI engine to automate and recommend optimal player selections for the 4-3-3 tactical formation.Engineered a player dashboard using shadcn/ui, Redux, and Tailwind, enabling analysis across 4 role buckets.Achieved sub-500ms sync latency for real-time player status using WebSockets.	
HealthPlum Express, React.js, PostgreSQL, MongoDB	Mar 2025 - May 2025
<ul style="list-style-type: none">Architected a unified MERN-stack e-health system featuring real-time scheduling for 300+ patients.Secured cross-platform access using JWT authentication and role-based authorization for 10+ doctors.Centralized patient data including prescriptions, history, and consultations into a scalable dashboard.Developed an Admin Dashboard to manage users, roles, and optimize database access using advanced filters.Integrated an emergency module for immediate ambulance booking and real-time tracking.	

TECHNICAL SKILLS

Languages: C++, JavaScript, Python | **Tech Stack:** Node.js, Express, Flask, React.js, Next.js, Redux Toolkit, Socket.io, Sequelize, Tailwind, Kafka, REST APIs, Microservices Architecture | **Databases:** MySQL, PostgreSQL, MongoDB, Redis, Database Design, Query Optimization | **Tools & DevOps:** Docker, GitHub, VS Code, Figma, Canva | **Security & Auth:** JWT Authentication, Role Based Access Control

CERTIFICATIONS

- Qualified for Round 2** of the **CodeKaze** contest by CodeStudio.
- Qualified for Round 1 of the TCS CodeVita competition and ranked as the top coder from my college.

ACHIEVEMENTS & EXTRACURRICULARS

- Secured a **Top-3** position at the **HackSplosion Hackathon** organized by **Deloitte**. Built a squad-formation tool to select the optimal playing XI using player roles and constraints.
- Mentored **50+** students in C++ and DSA through peer-led offline sessions.
- Solved **200+** DSA problems across LeetCode, GFG, CodeStudio, and HackerRank.
- Rated **5-star** in C++ on **HackerRank**, ranking among the top 2% globally.