

DHRUV SAINI

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EDUCATION

Vellore Institute of Technology

Aug 2022 - May 2026

B.Tech - Computer Science and Engineering - **CGPA - 9.14**

Bal Bharati Public School

Mar 2021 - Mar 2022

CBSE XII - **Percentage - 94%**

Pitampura, Delhi

EXPERIENCE

Deloitte Touche Tohmatsu Limited

May 2025 - Aug 2025

Role: Intern, Technology & Transformation

Gurugram, Haryana

- 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

- 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

- 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.