DHRUV SAINI

Rohini, New Delhi

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EDUCATION

Vellore Institute of Technology   **Aug 2022 - May 2026**
*B.Tech - Computer Science and Engineering - **CGPA** - **9.14***   *Bhopal, Madhya Pradesh*

Bal Bharati Public School   **Mar 2021 - Mar 2022**
*CBSE XII - **Percentage** - **94%***   *Pitampura, Delhi*

EXPERIENCE

Deloitte Internship   **May 2025 – Aug 2025**
Role: Intern, Technology and 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 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, secure access control to data.
- Integrated GenAI engine to automate and recommend optimal player selections for the complex 4-3-3 tactical formation.
- Engineered player dashboard using shadcn/ui, Redux, and Tailwind, enabling detailed analysis across 4 role buckets.
- Achieved sub-500ms sync latency for real-time player status using web sockets.

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 and managed cross-platform access using JWT authentication and role-based authorization for 10+ doctors.
- Centralized patient data (prescription, history, consultation) into a scalable, single-view dashboard.
- Developed a dedicated Admin Dashboard to manage users, roles, and optimize database access via advanced filters.
- Integrated an emergency module for immediate ambulance booking and real-time tracking, enhancing critical response.

TECHNICAL SKILLS

Languages: C++ (Intermediate), JavaScript (Intermediate), Python (Intermediate) | **Tech Stack:** Node.js, Express, Flask, React.js, Next.js, Redux Toolkit, Socket.io, Sequelize, Tailwind | **Databases:** MySQL, PostgreSQL, MongoDB, Redis | **Tools & DevOps:** GitHub, VS Code, Figma, Canva | **Relevant Coursework:** Object-Oriented Programming, Database Management Systems, Operating Systems

CERTIFICATIONS

- Secured a **top-3** position at the **Hacksplosion Hackathon** organized by **Deloitte**
  Built a squad-formation tool that selects the optimal playing XI using player roles, statistics, and team constraints.
- **Qualified for Round 2** of the **CodeKaze** contest by CodeStudio
- Qualified Round 1 of the TCS CodeVita competition and was the top coder from my college.

ACHIEVEMENTS & EXTRACURRICULARS

- Mentored **50+ students** on C++ and DSA in peer-led offline sessions.   Nov 2023
- Solved **200+ DSA problems** across LeetCode, GFG, CodeStudio, HackerRank.
- Rated **5 star in C++ on HackerRank**, ranked among top 2% globally.