Sharan Prashanth S

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Education

Bachelor of Engineering in Computer Science   **Expected 2027**
Chennai Institute of Technology, Chennai, India   **CGPA: 8.81/10**

Internship Experience

Full Stack Intern (CPCL Manali, Chennai)   **MAY 2025 – JUNE 2025**

CS Reporting Portal

- Developed a CS Reporting Portal using **React**, **Express.js**, **Node.js**, and **MySQL**, supporting **500+ concurrent users**, enabling real-time tracking, detailed analysis, and management of all submitted feedback.
- Implemented **role-based authentication** for **100+ concurrent users** and optimized **database queries**, reducing report generation latency by **60%** while improving overall dashboard performance by **40%**.
- Integrated an automated feedback and alert system to streamline communication between Head of Department (ITS) and customers, while enabling timely notifications, efficient feedback tracking and response management.

Projects

CleverClick (Chrome - Extension for smart answering) [GitHub]   **AUG 2025**

- Developed an AI-powered browser assistant to efficiently and accurately extract all quiz questions and answer options from web pages using a custom Flask backend integrated with Groq/OpenAI-compatible AI models.
- Automated answer selection by matching AI-generated responses with web options, easing quiz submissions.
- Reduced manual answering effort by **90%** through intelligent AI-assisted automation of online quiz interactions.
- Implemented a start/stop toggle to control API calls, sending requests only when active and minimizing load.

BoundaryBytes (Cricket score tracker with runs, wickets, and overs) [GitHub]   **Dec 2024**

- Developed a **React & Vite-based cricket scoreboard** to track and display live scores for multiple players.
- Implemented features to track individual scores, wickets, overs, balls, and extras with real-time updates.
- Designed an interactive UI with buttons for Singles, Doubles, Fours, Sixes, Dot Balls, and Wicket management.
- Enabled reset and match management, allowing players to control matches for a seamless gameplay experience.

PrepXperience (Preparation Experience - Figma)   **DEC 2023**

- Created a fully interactive clone of the Prepex online learning platform, incorporating **variant components, custom symbols, and smooth transitions** for a seamless and engaging UI/UX experience across all pages.
- Built interactive prototypes to demonstrate complete user flows, intuitive navigation, and customized design elements, ensuring full responsiveness and a consistent visual experience across all pages, devices, and screens.

Technical Skills

Programming Languages: Python, C/C++, Java, JavaScript, HTML/CSS
Frameworks, Libraries & UI/UX: FastAPI, Node.js, Express.js, React, React Native, Next.js, Tailwind CSS, Figma (Wireframing, Prototyping, Variant Components)
Databases & Tools: MySQL, AWS, PostgreSQL, MongoDB, Git/GitHub, Docker, Selenium
Core CS Concepts: DSA, OS, OOP, Networks, DBMS

Competitive Programming & Achievements

- **CITIL SDG Hackathon Top 25 Finalist** — Built an **Emergency SOS App** using **React Native**, **Expo**, and **BSSID-based tracking** for instant campus safety alerts.
- **SIH 2025 Finalist**(Nationalist) Developed a solution under the **Smart Automation** theme
- **LeetCode:** Solved 866 problems, rating 1806 (**Max: 1826**), global rank 562 in Weekly Contest 448
- **CodeChef:** Solved 134 problems, rating 1443 (**Max: 1456**), best rank 856 in Starters 184, **2-star**
- **Codeforces:** Solved 60+ problems, rating 956 (**Max: 956**)

Certifications

Introduction to Cybersecurity - Cisco	**Networking Essentials** - Cisco
Database Management System - NPTEL	**Algorithmic Toolbox** - Coursera
Parallel Computer Architecture - NPTEL	**CCNA** - Cisco