AVIRAL TRIPATHI

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SUMMARY

Computer Science undergraduate seeking a Software Engineering Intern role. **Full-stack MERN developer with a focus on frontend, honed through projects and hackathons.** Strong foundation in data structures, algorithms, and web engineering principles.

EDUCATION

KLE Technological University, Hubballi, Karnataka   Aug 2024 – May 2028

Bachelor of Engineering in Computer Science   CGPA: 8.66
Relevant Coursework: Data Structures and Algorithms, OOP, DBMS, Operating Systems

PROJECT EXPERIENCE

- **HealthDesk: Telemedicine Platform**   Live / GitHub   Nov 2025
  Next.js, React.js, Tailwind CSS

  Built a telemedicine web application during a national hackathon, collaborating in a team of four to solve real-world healthcare problems.
  - Built a responsive **Pharmacist Control Panel** using **Next.js**, implementing dynamic routing and real-time UI updates for geolocation-based medicine availability and stock notifications.
  - Integrated backend APIs using **Fetch API**, efficiently managing asynchronous data fetching, varied API responses, and frontend state updates.

- **OnlyTechs**   Live   Sept 2025
  Next.js, React.js, Tailwind CSS HTML
  - Designed and developed the **UI for a skill-based leaderboard platform**, featuring a dynamic rankings dashboard integrated with backend APIs.
  - Implemented **efficient pagination and data rendering** to handle large ranking datasets while maintaining performance and responsiveness.

- **X (Twitter) UI Clone**   GitHub   Aug 2025
  HTML, Tailwind CSS
  - Developed a **responsive X (Twitter) UI clone** using **HTML and Tailwind CSS**, focusing on layout structure, component styling, and accessibility.
  - Applied **utility-first CSS**, responsive breakpoints, and interactive states to deliver a polished, performance-focused frontend experience.

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Python, SQL

Libraries/Frameworks: React.js, Next.js, Express.js, Node.js, Tailwind CSS, HTML, CSS

Databases: MongoDB, MySQL, Oracle DB

Tools/Concepts: Git, GitHub, Postman, VS Code

ACHIEVEMENTS

- **Winner – Hack Karnataka (HealthTech Track) –** 1st place among 50+ finalist teams at a national-level hackathon.
- **Finalist – AlgoBlitz:** Achieved a Top 3 ranking in a university-wide Data Structures and Algorithms Competition.
- Solved **300+ problems across Codeforces and LeetCode** with regular contest participation, strengthening algorithmic problem-solving skills.