

KHUSHWANT SINGH

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#)

EDUCATION

Kashi Institute of Technology

Varanasi, India

Bachelor of Technology in Information Technology

Expected July 2027

Relevant Coursework: Data Structures, Algorithms, DBMS, Operating Systems, Computer Networks

TECHNICAL SKILLS

- **Languages:** C++, JavaScript (ES6+), SQL, HTML5, CSS3
- **Web Development:** React.js, Node.js, Express.js, MongoDB, Python Flask, Tailwind CSS
- **Developer Tools:** Git, GitHub, RESTful APIs, Vercel, Render, Netlify, Twilio SMS API
- **Core Competencies:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Full-Stack Development

WORK EXPERIENCE

Debt & Dominion

July 2025 – Aug 2025

Frontend Developer Intern

- Increased website traffic and user engagement by engineering a mobile-first, responsive UI for the company's digital magazine.
- Developed and deployed a scalable web application using React on Vercel enhancing the company's online presence.
- Collaborated with the design team to translate Figma mockups into pixel-perfect, reusable React components.

TECHNICAL PROJECTS

Cleo Healthcare Management System | *Python, Flask, MySQL*

[\[Live\]](#)

- Developed a full-stack healthcare management system using Python Flask, serving 3 user roles (patients, doctors, staff) with role-based authentication.
- Engineered MySQL database integration with custom ORM wrapper supporting automatic type conversion for TIME, DATE, DATETIME, and DECIMAL fields.
- Implemented RESTful APIs for appointment booking, availability management, and real-time status updates with JSON responses.
- Built OTP-based phone verification system using Twilio SMS API with rate limiting, logout protection, and secure hash storage.
- Designed responsive mobile-first UI using Tailwind CSS with dynamic filtering, modal dialogs, and real-time form validation.

Internship Recommendation Platform | *React.js, Node.js*

[\[Live\]](#)

- Developed a responsive internship recommendation web app using React.js to connect students with relevant opportunities.
- Engineered front-end features including keyword search and dynamic category filtering to streamline the search process.
- Integrated third-party APIs to fetch and display internship listings in real-time, ensuring a seamless user experience across all devices.

ACHIEVEMENTS

- **Competitive Programming:**
 - **CodeChef:** 3-Star Coder (Highest Rank: 47 in Starter 196)
 - **CodeForces:** Pupil (Highest Rating: 2001 in Round 1051)
- **Hackathons:** Ranked 3rd in college-level Smart India Hackathon (SIH) 2024.