

Tanuj Singh Chauhan

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Portfolio

Skills

Technical: Full-Stack Development, UI/UX Design, Machine Learning, Cloud Computing, Agile Development, CI/CD.

Languages: C++, C, Java, Python, SQL, R, JavaScript, HTML5, Bash.

Frameworks & Libraries: React.js, Next.js, Kaboom.js, Three.js, Tailwind CSS, Node.js, Express.js.

Tools & Platforms: GitHub, Figma, Tableau, MATLAB, Firebase, JupyterLab, Postman, Docker, AWS, MongoDB.

Education

Vellore Institute of Technology, B.Tech. Computer Science & Engineering (Data Science)

GPA: 8.57/10

Aug 2023 – Present

- Relevant Coursework: Computer Architecture; Data Structures & Algorithms; Object-Oriented Programming; Cloud Computing.

Experience

Development Intern, VitaData Startup V-Nest — Remote

May 2025 – July 2025

- Designed UI/UX for Doctor's login page and contributed to logo design.
- Implemented login functionality and a custom route handler (LoginHandler) for role-based access (Doctor, Admin, Lab, Receptionist).

Summer Intern, Greaves Travel India Pvt. Ltd. — Noida

May 2025 – July 2025

- Implemented MongoDB Atlas workflows for cloud-based data handling.
- Applied MVC architecture to an Airlines dataset project; built a city autocomplete via API integration.
- Built role-based login systems (Admin, Super Admin, User) with JWT authentication and authored MySQL stored procedures for transactional flows.

Full Stack Developer, CodeChef Club — VITC

Sept 2023 – Mar 2025

- Developed the club website with React.js & Tailwind CSS, improving load speed by ~30%.
- Implemented About-Us, Alumni, and Credit Calculator modules for the CIMP platform; created UI and components (Mail-Chef, Flappy Bird).
- Conducted user research (50+ participants), improving usability by 20%; collaborated in Agile workflows with Git and CI/CD; enhanced backend using Express.js.

Projects

CodeChef VITC — Club Official Website

GitHub

- Tech: React.js, Tailwind CSS, Git. Contributed dynamic components and responsive pages.

Nish — Online Retro Music Player

GitHub

- Tech: HTML5, Tailwind CSS, JavaScript. Built streaming + upload features.

Craftique — E-Commerce Platform for Artisans

GitHub

- Tech: React.js, Tailwind CSS, Node, Express, MongoDB. Full-stack platform for artisans — custom commissions + chatbot.

Additional Skills & Interests

- Strong problem-solving and teamwork skills; knowledge of software maintenance and improvement.
- Hobbies: Sketching; Reading; Writing short stories.