

Tanuj Singh Chauhan

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

Skills

- **Technical Skills:** 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
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Education

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

August 2023 – Present

GPA: 8.59/10

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

Experience

Development Intern, VitaData Startup V-Nest, Remote

May 2025 – Present

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

Summer Intern, Greaves Travel India Private Limited, Noida

May 2025 – July 2025

- Learned and implemented **MongoDB Atlas workflows** for cloud-based data handling.
- Applied **MVC architecture** to structure an Airlines dataset project efficiently.
- Developed a **city autocomplete** feature using API integration.
- Built **role-based login systems** for Admin, Super Admin, and User accounts.
- Implemented **user authentication** using **JWT tokens** for secure access.
- Created multiple **MySQL stored procedures** to support complex **transactional operations**.

Full Stack Developer, CodeChef Club, VITC

September 2023 – March 2025

- Developed the club's official website with **React.js** and **Tailwind CSS**, boosting load speed by **30%**.
 - Built the **About-Us, Alumni, and Credit Calculator** sections for the **CIMP** platform.
 - Designed UI for **CIMP**, and created components for **Mail-Chef** and **Flappy Bird**.
 - Conducted **user research (50+ participants)**, improving usability by **20%**.
 - Collaborated in an **Agile** team with Git and **CI/CD workflows**.
 - Used **Express.js** to update and enhance existing backend routes.
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Projects

CodeChef VITC – Club's Official Website - [GitHub](#)

Tech Stack: React.js, Tailwind CSS, Git

- Contributed to frontend development by creating dynamic components and responsive pages.

Nish – Online Retro Music Player - [GitHub](#)

Tech Stack: HTML5, Tailwind CSS, JavaScript

- Built an online music player enabling users to **stream and upload** songs.

Craftique – E-Commerce Platform for Artisans - [GitHub](#)

Tech Stack: React.js, Tailwind CSS, Node, Express, MongoDB

- Built a **full-stack e-commerce platform** where artisans can sell handcrafted products and accept custom commissions along with **Chatbot** functionality.
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Additional Skills & Interests

- Strong **problem-solving skills** and ability to work in **collaborative teams**.
- Understanding of **software development, maintenance, and improvement**.
- **Hobbies:** Sketching, Reading, Writing Short Stories.