

Chaitanya Chute

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EDUCATION

Ramdeobaba University

Bachelor of Technology in Electronics and Computer Science

Nagpur, MH

Aug 2023 – June 2027

EXPERIENCE

Software developer Intern | Certificate

June 2024 – Dec 2024

Projense Systems

Nagpur, MH

- Developed a Python based Health Monitoring GUI , that captures real-time biometric data from serially connected Hardware sensors.
- Implemented comprehensive logging and exception handling mechanisms to improve system reliability and maintainability.
- Integrated RESTful API communication for secure cloud data transmission with JSON payloads, Authentication tokens

PROJECTS

InkSpace | *Next.js, TypeScript, HTML Canvas, WebSockets* | [GitHub](#) | [Live Demo](#)

Dec 2025

- Developed a collaborative virtual whiteboard with a hand-drawn look and feel using a custom HTML Canvas rendering engine
- Implemented real-time multi-user collaboration using native WebSockets with optimistic updates and reconnect-safe message queues
- Designed client-side end-to-end encryption (E2EE) using URL fragment-based keys to ensure the server never accesses drawing data
- Built offline standalone mode with localStorage persistence and room-based collaboration without mandatory authentication

ChatHub | *React, Node.js, WebSockets, MongoDB* | [GitHub](#) | [Live Demo](#)

Sep 2025

- Built ChatHub, a real-time chat application supporting directly one-to-one and group messaging
- Implemented low-latency text messaging and presence updates using WebSockets for seamless bidirectional communication
- Designed secure user authentication and chat persistence using JWT-based auth and a MongoDB datastore
- Engineered scalable backend APIs using Node.js and Express to manage conversations, message history, and user relationships

CineLuxe | *React, Node.js, MongoDB, Express, Stripe, Cloudinary* | [GitHub](#) | [Live Demo](#)

Aug 2025

- Built CineLuxe, a full-stack movie booking platform allowing users to browse movies, select theaters, choose seats, and book tickets
- Implemented interactive seat selection, JWT-based authentication, secure Stripe payments, and user booking dashboards
- Developed RESTful APIs using Node.js and MongoDB, with an admin panel for managing movies, theaters, and bookings
- Integrated Cloudinary for movie poster image storage, automatic optimization, and CDN delivery to improve load times and performance

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS, TailwindCSS

Frameworks: React.js ,Next.js, Node.js

Database Technologies: MongoDB, SQL (Postgres)

Developer Tools: Git/Github, VS Code, Visual Studio, GitHub, Postman, Prisma

CERTIFICATIONS

Networking Basics | Certificate

Feb 2026

Cisco Networking Academy