

CHAITANYA CHUTE

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EDUCATION

Ramdeobaba University

Bachelor of Technology in Electronics and Computer Science

Nagpur, MH

Aug 2023 – June 2027

EXPERIENCE

GirlScript Summer of Code (GSSoC)

2026

Open Source Contributor

Remote

- Selected as a contributor for GSSoC, a nationwide open source program fostering collaborative development.
- Contributing to open source projects by submitting pull requests, resolving issues, and collaborating with maintainers and peers across the community.

Projense Systems

Nagpur, MH

Software Developer Intern | Certificate

June 2024 – Dec 2024

- 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 and 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.

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

Sep 2025

- Built a real-time chat application supporting one-to-one and group messaging with a seamless user experience.
- Implemented low-latency text messaging and presence updates using WebSockets for 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 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.

TECHNICAL SKILLS

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

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

Databases: MongoDB, SQL (PostgreSQL)

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

CERTIFICATIONS

Networking Basics

Feb 2026

Cisco Networking Academy | Certificate