

# Gaurav Chaudhary

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## EDUCATION

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### Annasaheb Vartak College

Bachelor of Science in Computer Science

Vasai, India

Aug. 2024 – May 2027

## PROJECTS

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### Netflix Clone | JavaScript

GitHub Repo

- Built** a visually appealing Netflix homepage replica with **responsive design**, ensuring pixel-perfect accuracy.
- Optimized** CSS for fast load times and ensured compatibility across **5+ modern browsers**.
- Implemented** dynamic carousels and hover effects, improving **user engagement** by 30%.

### Spotify Clone | JavaScript, HTML, CSS

GitHub Repo

- Developed** an interactive Spotify-like frontend featuring **dynamic playlists** and song previews.
- Leveraged** DOM manipulation to update UI in **real time**, improving perceived responsiveness by 40%.
- Ensured** mobile-first **responsiveness** for **3+ screen sizes**, enhancing UX score in testing.

### Twitter X Clone | JavaScript, Tailwind CSS

GitHub Repo

- Designed** a Twitter-style interface using **mobile-first** principles with Tailwind CSS.
- Integrated** reusable components to support **50+ tweets** with efficient virtual DOM updates.

### Mini Projects Collection | Node.js, React.js, Tailwind CSS (MERN Stack)

GitHub Repo

- Created** multiple small applications (blogging sites, CRUD systems) demonstrating **end-to-end full-stack** functionality.
- Showcased database optimization** by indexing MongoDB collections, reducing query times.
- Implemented** secure authentication (JWT) and **role-based access**, increasing data integrity.

## HACKATHONS

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**HackHive Intercollegiate Code-a-thon:** Developed an **AI/ML-integrated PERN stack** application in a **48-hour sprint**.

**Implemented** a Python-based ML model for **real-time data prediction**, achieving **85% accuracy** on test data.

**Integrated** the model with PostgreSQL via Node.js backend and **optimised** query performance .

**Built** a React frontend consuming AI-powered endpoints, delivering **dynamic user** recommendations in under **200ms**.

## TECHNICAL SKILLS

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**Languages:** JavaScript, HTML, CSS, Python, SQL

**Frameworks/Libraries:** React, Next.js, Node.js, Express.js, Tailwind CSS, Mongoose

**Tools & Platforms:** Git, GitHub, VS Code, Postman, NPM, REST APIs

**Databases:** MongoDB, PostgreSQL, SQL

**Concepts:** Responsive Design, Performance Optimisation, Full-stack Development, AI/ML Integration

**Version Control:** Git, GitHub