

# YASH YADAV

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## OBJECTIVE

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Third-year Computer Science student specializing in MERN stack development. Strong foundation in Data Structures and Algorithms with practical experience in building full-stack applications and integrating Gen AI features.

## EDUCATION

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**BE, Computer Science**, Chitkara University

Expected 2027

Relevant Coursework: Data Structures & Algorithms, Cloud Computing, System Design, Database Management Systems (DBMS), Operating Systems, Full Stack Web Development

**CGPA:** 8.36

## SKILLS

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<b>Languages</b>	JavaScript, JAVA, C, C++, Python
<b>Frameworks/Libs</b>	React.js, Node.js, Next.js, Express.js, ThreeJS, GSAP, Lenis
<b>Databases</b>	MongoDB, MySQL, PostgreSQL
<b>Core Concepts</b>	Data Structures & Algorithms, OOPs, DBMS, CN, System Design, Gen AI (APIs)
<b>Tools</b>	Git, GitHub, Postman, VS Code

## PROJECTS

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### AI-Powered Music Recommender

[\(GitHub\)](#)

- Developed a full-stack web application that analyzes a user's facial expressions in real-time via their webcam to detect their current mood.
- Integrated a pre-built Gen AI facial recognition model to identify emotions and then automatically fetched and played a relevant song playlist by connecting to the Spotify API.
- Engineered the application using the MERN stack (MongoDB, Express.js, React, Node.js) to manage the front-end interface and back-end API integrations.

### Sneaker Head (Creative E-commerce Frontend)

[\(GitHub\)](#)

- Designed and engineered a highly creative and non-traditional frontend for a sneaker e-commerce site, focusing on a unique, art-driven user experience.
- Leveraged advanced JavaScript animation libraries including GSAP (GreenSock) and ScrollTrigger to build immersive, scroll-based interactions and complex animations.
- Implemented SmoothScroll to ensure a fluid and seamless browsing experience, departing from standard, boring e-commerce layouts.

### AI Chat Application (ChatGPT Clone)

[\(GitHub\)](#)

- Developed a full-stack, real-time chat application replicating the functionality of modern AI chatbots like ChatGPT.
- Engineered a responsive React frontend to manage the conversational UI, state, and user input.
- Built a Node.js and Express.js backend to securely manage API calls to the OpenAI (Gen AI) API, handling prompt-response generation.

## EXTRA-CURRICULAR ACTIVITIES

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- Media and Organizing Executive, **ACM** (Association for Computing Machinery)

- Media Executive, **IEEE** (Institute of Electrical and Electronics Engineers)
- Promotion Executive, **NSS** (National Service Scheme)
- Winner, Web Dev Treasure Hunt, **Apple Student Community**

## LEADERSHIP

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- **Semester Project Lead** 2023 - Present  
Directed multiple academic project teams (3-5 members) through the full software development lifecycle responsible for task delegation, timeline management, and resolving critical last-minute challenges.
- **Stall Organizer** (University Fair, RANGREZZ) Nov, 2024  
Co-led and managed a stall at the university fair, overseeing all logistics from initial setup and inventory management to team coordination and customer engagement.