

# Aditya Thakur

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## Skills

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**Front End:** HTML, CSS, Javascript, TypeScript, React, ContextAPI, Tailwind CSS  
**Backend:** Node.js, Express.js, Django(python)  
**GenAI:** LangChain, LangGraph, Agent SDK, RAG  
**Languages:** JavaScript, TypeScript, Python  
**Tools:** Git, Github, Postman  
**Database:** MongoDB, PostgreSQL

## Experience

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**Full Stack Web Developer Intern, Staar Payout** May 2025 - Present

- Contributed to front-end enhancements focused on performance, responsiveness, and user experience.
- Worked on utility logic and interactive features to support better user input handling and security practices.
- Improved backend robustness through structured error handling and defensive programming techniques.

## Projects

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**CodeNexus** (MERN, Gemini API, Tailwind CSS, ShadCN, Aceternity) [Live Link](#)

- Developed a full-stack web IDE that enables users to write, preview, and save HTML/CSS/JS code in real-time, with personalized codebase management via Clerk authentication.
- Integrated Generative AI (Gemini-2.0-flash) to provide intelligent code suggestions and explanations using prompt-based NLP.
- Designed a robust backend with Express and MongoDB to persist user-generated codebases, supporting multiple files per project and relational links to users.
- Created a dynamic Projects Dashboard to fetch and display user-specific codebases with real-time updates and modular card components

**RoughNote** (Next.js, NeonDB, Prisma, Clerk Auth, ShadCN) [Live Link](#)

- Built a full-stack journal application using Next.js and React, enabling users to securely write, manage, and analyze personal journal entries.
- Created a Mood Analytics Dashboard with graphical analysis
- Integrated Clerk authentication for secure user sign-up, login, and session management with role-based access.
- Designed a feature to create and manage collections, allowing users to group and organize their entries effectively.
- Integrated Shadcn UI and Tailwind CSS for responsive, accessible, and aesthetically pleasing user interfaces.
- Enforced API rate limiting using ArcJet, enhancing security and preventing abuse of public endpoints.

## Education

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**Guru Gobind Singh University**, B.Tech Computer Science Engineering 2021 – 2025

- CGPA: 8.36

**Class 12**, National Victor Public School,CBSE 2020 - 2021

- Percentage: 83.8%

**Class 10**, National Victor Public School,CBSE 2018 - 2019

- Percentage: 86.4%