

Aditya Raj

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[LinkedIn](#) • [Github](#) • [Codeforces](#) • [Leetcode](#) • [Personal Portfolio](#)



PROFESSIONAL SUMMARY

Aspiring Full-Stack Developer with experience building scalable web applications using React, Next.js, and Node.js. Strong backend fundamentals, clean UI/UX focus, and efficient API design. Solid problem-solving skills backed by Data Structures and Python, with 150+ LeetCode problems solved (1400+ rating) and Codeforces rating of 650+.

EDUCATION

Bachelor of Technology (Artificial intelligence)	2024 - 2028
Newton School Of Technology, Rishihood University	Grade: 6.0/10.0

Intermediate (Class XII)	2023 - 2024
BLUE BELLS ACADEMY	Grade: 65.6%

Matriculation (Class X)	2021 - 2022
OPENMINDS A BIRLA SCHOOL	Grade: 82.0%

PROJECTS

CogNote (Github) (Demo)	November 2025
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- Built an AI-powered study and research platform using Next.js and Node.js, allowing users to upload notes and PDFs and interact with them intelligently.
- Implemented **secure JWT-based authentication** with Prisma and NeonDB, ensuring reliable user data management and access control.
- Designed a **NotebookLM-style workspace UI** with notebooks, source management, chat interface, and study tools including summaries, flashcards, and quizzes.
- Enabled users to extract insights, generate flashcards, and quiz themselves from their own study materials, improving learning efficiency and comprehension.

Haven (Github) (Demo)	August 2025
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- Built with Next.js, Prisma ORM, and Tailwind CSS, featuring **secure student-only authentication using Clerk** to ensure verified identities and privacy-first access.
- Designed and implemented a swipe-based matching system, profile verification, and customizable privacy controls to deliver a safe and intuitive dating experience.
- **Collaborated in a 3-member team to develop and deploy the platform within 6 weeks**, optimizing performance and responsiveness for mobile-first users on Vercel.
- Drove platform adoption by leading the Instagram marketing rollout, achieving **17,000+ views** and increasing awareness among the university student community.

SKILLS

Computer Languages: SQL, JavaScript, CSS, HTML, NoSQL, TypeScript, Python

Data Tools: NumPy

Software Packages: MongoDB, MySQL, Node.js, React, Prisma ORM, Tailwind CSS, Next JS, Tailwind, Express JS, Figma, Pandas

Additional Courses: Data Structure

Soft Skills: Leadership

Others: OAuth 2.0, UI/UX

EXTRA-CURRICULAR ACTIVITIES

- Cricket all-rounder and footballer with solid reflexes and teamwork.
- Passionate gamer, excelling in BGMI(college lan level), COD and , enhancing strategy and problem-solving skills.