

Aditya Kumar

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EXPERIENCE

Adden AI

May 2024 - Present

- **Role:** Full-stack developer
- **Link:** <https://www.adden.ai/>
- Developed a Targeting AI backend that identifies ideal users for products using brand data, competitor websites, and target countries
- Worked closely with Meta's Marketing API and LLMs to accomplish it
- Developed the frontend for this feature and contributed to additional frontend tasks
- Developed a web scraper using Selenium and BeautifulSoup for scraping brand and competitor websites
- Implemented an email management system for verification and invitations
- **Backend tech stack**
 - Python with libraries such as FastAPI, SQLAlchemy, and async frameworks like aiohttp, asyncpg, and async-timeout
 - PyTorch, Spacy, OpenAI API, and related packages for NLP and AI tasks
 - PostgreSQL for the database
 - Selenium and BeautifulSoup for web scraping
- **Frontend tech stack**
 - Next.js as the React.js framework
 - React Query, Jotai and react hooks for state management
 - Tailwind CSS for styling

TavLab IIITD

April 2024 - June 2024

- **Role:** Full-stack developer & UI/UX
- **TavLab Website:** <https://tavlab.iiitd.edu.in/>

- Designed and developed a complete website from scratch, creating multiple pages to highlight the lab's AI-driven healthcare solutions, and ensuring a seamless user experience and intuitive navigation for visitors
- The website focuses on promoting their work in critical care, public health, and actionable social medicine, with the goal of empowering medical professionals through innovative AI tools and insights
- **Medical dashboard:** <https://chikitsachakra.tavlab.iiitd.edu.in:3001/>
- Developed a medical dashboard that shows the current and future requirements of medicines predicted by models, using graphs. This project was shown to the GATES foundation and the World Health Organization (WHO)
- Developed the python backend that handles user requests and makes predictions about the future requirements of medicines
- **Tech stack**
 - Flask for creating the endpoints and waitress for running the server
 - Next.js, Tailwind CSS, Typescript for the frontend
 - React Query and Axios for state management and requests to the backend

PROJECTS

KanvaBoard

[View in GitHub](#)

- **Link:** <https://kanvaboard.addoxy.me/>
- Developed a React.js application using Next.js for project and task management
- This is a project management web app that embraces minimalism to help you streamline your workflow, eliminate distractions, and focus on achieving optimal results with ease and efficiency
- **Key Features**
 - Collection of templates: ready-made templates tailored to different project needs
 - Robust search: quickly find the project you are looking for
 - Powerful drag and drop: easily sort your tasks or columns using a trello-like easy-to-use and powerful drag and drop feature
 - Sidebar: a toggleable sidebar to ensure complete focus on the task at hand

- Implemented secure OAuth authentication using NextAuth for providers like Google, GitHub and Discord.
- Made the website fully responsive and usable on all devices.

Lumosent

[View in GitHub](#)

- **Link:** <https://lumosent.addoxy.me/>
- Developed a React.js application using Next.js for effortless habit tracking
- This is a habit tracking web app that makes it effortless to track your habits and gives you detailed statistics to see where you are doing great and where you are lacking
- **Key Features**
 - One-click logging: effortlessly and efficiently log entries by tapping just once
 - Detailed statistics: in-depth statistics to pinpoint strengths, address challenges, and notice patterns
 - Starter kits: collections of habits tailored to different user needs
 - Customization: various views and themes
- Implemented secure OAuth authentication using NextAuth for providers like Google, GitHub and Discord.
- Implemented optimistic updates to ensure a seamless user experience.
- Created a dashboard that shows detailed statistics of the user including graphs
- Made the website fully responsive and usable on all devices.

CourseInsider

[View in GitHub](#)

- Developed a React.js application in a team of two for exploring college courses and details in a quick and convenient way
- Implemented the front-end and UI/UX
- This is a course management website that lets you explore college courses in a quick and convenient way without juggling before many different resources
- **Key Features**

- Search for courses: a robust search feature enables you to instantly discover your ideal courses
- Ratings and reviews: users can leave ratings and reviews that can help others make informed decisions
- Course information: users can see lecture plans, grading scheme and previous year papers to help them pick the right courses
- Made the website fully responsive and usable on all devices.

EDUCATION

Bachelor of Technology (B. Tech.)

IIITD (Indraprastha Institute of Information Technology Delhi)

Aug 2021 - May 2025

High School (CBSE)

The Army Public School, Dhaula Kuan, New Delhi - 95.6%

May 2020 - May 2021

ACHIEVEMENTS

Google Developer Student Clubs IIIT Delhi Bootcamp Hackathon

[View project](#)

Top 15 teams, Replit prize

SKILLS

React.js | Next.js | Typescript | Javascript | Tailwind CSS | HTML | CSS | Node.js | C++ | Python | Flask | FastAPI | REST API | Email Management | Git | GitHub | Vercel | Authentication | NextAuth | Prisma ORM | Resend | Figma | UI/UX | Full-stack Development | Front-end Development | Back-end Development | Communication | Leadership | Time Management | Adaptability | Problem Solving | Teamwork | Creativity