

ADITYA VARDHAN SINGH

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PROJECTS

Maidaan | *Next.js, NestJS, Prisma, PostgreSQL, Zustand, Clerk, Google Gemini API*

- Built a sports platform connecting athletes, coaches, and organizers, digitizing local event discovery and participation workflows.
- Designed scalable REST APIs and responsive UI using NestJS, Next.js, Tailwind CSS, and Zustand for efficient data handling.

LU Connect | *Next.js, NestJS, Prisma, Supabase, Clerk, Google Gemini API*

- Developed a scalable placement management platform to streamline and optimize student hiring workflows.
- Implemented AI-assisted resume analysis and HR interview preparation modules.
- Designed a centralized dashboard for job tracking, applications, and opportunity management.

Developer Portfolio | *Next.js, TypeScript, Tailwind CSS, (Spotify, GitHub, Monkeytype, Codeforces) External APIs*

- Developed a Star Wars-themed developer portfolio using Next.js, TypeScript, and Tailwind CSS.
- Integrated external APIs (GitHub, Codeforces, Spotify, Monkeytype) for dynamic data visualization.
- Built a blog platform to showcase technical learnings and experiences.

PRISM 2025 Platform | *TypeScript, Express.js, React.js, PostgreSQL, Prisma, JWT, Zustand, Tailwind CSS*

- Built the official full-stack event management platform for PRISM 2025 Tech Fest at University of Lucknow.
- Developed RESTful APIs using Express.js and Prisma to manage event registration and user workflows.
- Implemented JWT-based authentication and secure API endpoints.
- Developed responsive UI with React, Zustand, and Tailwind CSS.

TECHNICAL SKILLS

Languages: C/C++, TypeScript, JavaScript, Python, SQL

Web: React.js, Next.js, Node.js, NestJS, Express.js, Flask, Tailwind CSS, Zustand, JWT, REST API

Databases & ORM: PostgreSQL, MySQL, MongoDB, Prisma

Tools & OS: Git, Postman, SwaggerUI, Figma, Linux, Windows

EXPERIENCE

Stuft Approach Private Limited

Jul. 2025 – Sep. 2025

Software Developer Intern

Lucknow, India

- Designed and developed backend APIs in NestJS to process and deliver aggregated data for 1000+ students.
- Implemented Role-Based Access Control (RBAC) using CASL.js to ensure authorized access to the database.
- Database was indexed and API endpoints were also optimized to lower dashboard load time.

Staffopedia LLP

May. 2025 – Jun. 2025

Full Stack Development Fellowship

Remote

- Developed a full-stack web platform to manage attendance, exams, courses, instructors, and students.
- Built React.js frontend and Python-Flask backend APIs for seamless data flow.
- Implemented Swagger-based API documentation to enhance maintainability and developer experience.

EDUCATION

Faculty of Engineering & Technology, University of Lucknow

Lucknow, UP, India

Bachelor of Technology in Computer Science Engineering (Current CGPA: 8.78/10)

2022 – 2026

City Montessori School, GN I

Lucknow, UP, India

Intermediate, ICSE Board (93.5%)

2021

High School, ICSE Board (92.16%)

2019

ACCOMPLISHMENTS & ACTIVITIES

- **300+** questions solved on LeetCode
- Qualified GATE CSE 2026
- Team Member, Tekents AI Beyond Apps
- Attended GDG DevFest Lucknow 2025