

Aditya Vardhan Singh

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EDUCATION

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| University of Lucknow <i>Bachelor of Technology in Computer Science Engineering</i> | Lucknow, India 2022 – 2026 (Current CGPA: 8.8/10.0) |
| City Montessori School <i>Intermediate, ISC Board</i> <i>High School, ICSE Board</i> | Lucknow, India 2021 (96.0%) 2019 (92.8%) |

EXPERIENCE

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| Stufit Approach Private Limited <i>Software Developer Intern</i> <ul style="list-style-type: none">Created backend APIs with NestJS and implemented CASL for RBAC.Designed the database architecture using Prisma ORM and PostgreSQL. | Jul. 2025 – Present Lucknow, India |
| Staffopedia Consulting LLP <i>Full Stack Developer Intern</i> <ul style="list-style-type: none">Developed comprehensive web-based system for managing student, faculty, course, exam, and attendance recordsCreated backend APIs with Python-Flask and Swagger for API documentation | Nov. 2024 – Dec. 2024 Remote |

PROJECTS

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| Prism <i>TS-Express, PostgreSQL, Prisma, JWT Auth, React, Zustand, TailwindCSS</i> <ul style="list-style-type: none">Built a complete web platform for managing Prism 2.0, the institute's annual tech festImplemented dynamic user interfaces and seamless event registration workflowsImplemented database architecture and creating RESTful APIs for database queries and other functionalitiesWebsite: prism2025.tech | Dec. 2024 |
| Admin Health Dashboard <i>TS-Express, NextJS, MongoDB, Prisma, JWT, Zustand, TailwindCSS</i> <ul style="list-style-type: none">Built a full-stack web dashboard for managing and analyzing student health data with secure JWT authenticationIntegrated Chart.js for interactive visualizations and implemented filters by school, session, year, and date rangeUsed Zustand for state management and TailwindCSS for responsive design; added email-based password recoveryWebsite: stufit-task-01-frontend.vercel.app | Jul. 2025 |
| Maidaan <i>TS-Express, PostgreSQL, Prisma, React, Zustand, Tailwindcss, NextUI</i> <ul style="list-style-type: none">Sports event management platform for organizations to host tournaments and players to participate seamlesslyContributed to frontend development, implementing dynamic user interface and UI/UX on figmaCreated database architecture using PostgreSQL, auth using OAuth (Passport.js)Website: maidaan-extra-cool.vercel.app | May 2025 |

TECHNICAL SKILLS

Languages: C/C++, Python, TypeScript, JavaScript, HTML/CSS, SQL
Frameworks & Libraries: ExpressJS, NodeJS, ReactJS, NextJS, NestJS, Flask, GraphQL, TailwindCSS, Zustand
Databases: PostgreSQL, MySQL, MongoDB, Prisma, Mongoose, SQLAlchemy
Tools & Technologies: Git, Figma, Docker, SwaggerUI, Linux, Windows, JWT Auth, OAuth

ACHIEVEMENTS & ACTIVITIES

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| Tech Team Lead, PRISM <i>Led the team that developed the official full-stack PRISM 2025 platform</i> | 2025 University of Lucknow |
| Volunteer, ISRO Space Day Exhibition and Quiz <i>Stage media control</i> | 2024 AKTU, Lucknow |

LINKS

Portfolio: adityavardhansingh.me
Leetcode: leetcode.com/u/aditya-varadhan-singh
GFG: [geeksforgeeks.org/user/adityavsingh1k0](https://www.geeksforgeeks.org/user/adityavsingh1k0)