

Aditya Vardhan Singh

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EDUCATION

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

Stuftt Approach Private Limited <i>Software Developer Intern</i>	Jul. 2025 – Sep. 2025 Lucknow, India
- Implemented RBAC to provide controlled access of health data to admin, doctor, etc. roles via dashboards - Created database architecture and backend APIs to handle dashboard requests - Implemented RBAC using CASL.js, backend APIs using NestJS, database using Prisma and PostgreSQL	
Staffopedia Consulting LLP <i>Full Stack Developer Intern</i>	May. 2024 – Jun. 2024 Remote
- Created a thorough web-based system to manage attendance, exams, courses, instructors, and students - Built React.js frontend and Python-Flask backend APIs with Swagger for API documentation.	

PROJECTS

Prism <i>TypeScript, Express, PostgreSQL, Prisma, JWT Auth, React, Zustand, TailwindCSS</i>	Dec. 2024
- Built full-stack application for PRISM 2025, University of Lucknow - Handled event/user registration workflows and JWT-based authentication - Created dynamic user interfaces using React.js - Implemented database architecture and creating RESTful APIs for database queries and other functionalities - Website: prism2025.tech	
Maidaan <i>Typescript, Nest.js, PostgreSQL, Prisma, Next.js, Zustand, Tailwindcss, NextUI</i>	May 2025
- Sports event management platform for organizations to host tournaments and players to participate seamlessly - Contributed to frontend development, implementing dynamic user interface and UI/UX on figma - Created database architecture using PostgreSQL, auth using OAuth (Passport.js) - Website: maidaan-extra-cool.vercel.app	
Terminal Text Editor <i>C, Makefile, GCC</i>	Nov. 2023
- Developed comprehensive web-based system for managing student, faculty, course, exam, and attendance records - Utilized SQLAlchemy ORM for efficient database management and TypeScript-React for interactive user interface - Created backend APIs with Python-Flask and Swagger for API documentation - GitHub: github.com/aditya-varadhan-singh/Text-Editor	

TECHNICAL SKILLS

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

ACHIEVEMENTS & ACTIVITIES

Tech Team Lead, PRISM <i>Led the team that developed the official full-stack PRISM 2025 platform</i>	2025 University of Lucknow
Vice President, Coding Club <i>Took initiatives to organize events at college level</i>	2025 University of Lucknow
Volunteer, ISRO Space Day Exhibition and Quiz <i>Stage media control</i>	2024 AKTU, Lucknow

LINKS

Portfolio: avsingh.tech

Leetcode: leetcode.com/u/aditya-varadhan-singh/, solved 300+ problems on leetcode

GFG: [geeksforgeeks.org/user/adityavsinghlko](https://www.geeksforgeeks.org/user/adityavsinghlko)