

K L N Sai Aditya

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About me!

I am a B.Tech Computer Science student with a strong interest in Data Structures & Algorithms and Web Development. I have experience in development and competitive programming. Passionate about efficient algorithms, scalable applications, and problem-solving, I continuously explore new technologies to enhance my skills.

Education

Indian Institute of Information Technology Dharwad, BTech in Computer Science Sept 2023 – May 2027

- CGPA: 9.28/10.0
- **Coursework:** Data Structures and Algorithms, Operating Systems, Database Management Systems

RNS World School, Jhansi, Uttar Pradesh Apr 2018 – Mar 2023

- X: 95.4%
- XII: 92.6%
- **Achievements:** Gold medalist IMO(International Mathematics Olympiad), Silver Medalist in NSO(National Science Olympiad), School topper in Xth, School house captain

Experience

Lead of Competitive Programming, Microsoft Student Ambassadors (MSA) - IIIT Dharwad Nov 2024 – Ongoing

- Hosted a 2 hour Programming Contest including basic DSA concepts and debugging round.

Web developer, Velocity – IIIT Dharwad Jan 2025 – Ongoing

- Member of Web development
- Contribution in Velocity's website and College's website

Competitive Programmer, Return 0 – IIIT Dharwad Jan 2025 – Ongoing

- Senior problem Setter in return 0
- Practicing LeetCode and participating in the contests

Website Coordinator, Career Guidance Cell – IIIT Dharwad Sep 2024 – ongoing

- Volunteered in HR conclave organized by CGC, IIIT Dharwad

Minor in CyberSecurity, IIIT Dharwad Aug 2024 – ongoing

- Learnt topics like Risk and Policy Management, IAM Fundamentals and Security Governance
- Experience on tools like Nmap, Wireshark, Ettercap

Projects

Attendance Recorder & Tracker App <https://github.com/Aditya-0510/geo-attendance>

- Designed and developed a secure, loophole-resistant attendance system using geo-fencing and biometric verification to eliminate proxy attempts
- Tech Stack: React Native, Express js, Mongo DB

Synapse <https://github.com/Aditya-0510/Synapse>

- Synapse is a full-stack content management platform that lets users organize and curate digital content (Twitter, YouTube, Notion) into shareable collections.
- Engineered with React (TypeScript, Tailwind CSS) and Express.js (TypeScript, MongoDB, JWT), featuring secure authentication, Zod-based input validation, and a responsive, modern UI.

Real-Time chat Application

<https://github.com/Aditya-0510/Chat-App>

- Built a real-time chat application with room-based messaging, enabling users to join, create, and interact in multiple chat rooms.
- Developed using React (TypeScript, Tailwind CSS) on the frontend and Express.js (TypeScript, MongoDB, JWT, WebSockets) on the backend, featuring secure authentication and seamless real-time communication.

Certification

Udemy - C++ Programming

<https://www.udemy.com/certificate>

- Learnt basics and advanced concepts of C++

Certificate of completion for AI for students

- Learnt how to build our own generative AI model

Technologies

Languages: C++, C, Java, SQL, JavaScript, Python

Technologies: MySQL, PostgreSQL, React.js, React Native, Tailwind CSS, Next.js, Express.js