

KOLLI LOKESH REDDY

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Portfolio: Lokesh Reddy

EDUCATION

- National Institute of Technology, Silchar** Assam, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.83 November 2022 - Present
- Sri Sarada Junior College** Vijayawada, India
Intermediate-MPC; Percentage: 94.8 June 2019 - June 2021
- Kennedy High School** Vijayawada, India
SSC; CGPA: 10 June 2016 - May 2019

EXPERIENCE

- Satyendra Nath Bose Research Intern, NIT Silchar** Github-Link
MedSync - Healthcare Appointment System June 2025 - Present
 - Developing a modern, responsive frontend for **MedSync** using React.js and Tailwind CSS, delivering a seamless and accessible user experience across devices.
 - Building a secure, scalable backend with Node.js, Express, and MongoDB, implementing RESTful APIs, JWT authentication, and Stripe-powered payments.
 - Technologies: React.js, Vite, Tailwind CSS, Axios, Node.js, Express, MongoDB, JWT, Stripe, Git.

PROJECTS

- Chess Master - Online Chess Platform** Demo-Link | Github-Link
FullStack Website
 - Built a full-stack chess platform with real-time multiplayer, puzzles and AI integration.
 - Implemented real-time game mechanics and state management using Socket.IO.
 - Technologies: React.js, Node.js, Express.js, Socket.IO, MongoDB, Redux, Tailwind CSS, Git, JWT, Chess.js.
- JobQuest - MERN Stack Job Portal** Demo-Link | Github-Link
FullStack Website
 - Built a job portal for job search, applications, and recruiter job management.
 - Added authentication, advanced job filters, dashboards, and company profiles.
 - Technologies: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, JWT, Clerk.
- Dijkstra Travel Planner - Route Optimization System** Github-Link
Data Structures and Algorithms Project
 - Developed a travel route planner using Dijkstra's algorithm for finding optimal paths between cities worldwide.
 - Implemented efficient graph data structures and priority queue optimization for real-time route calculations.
 - Generated HTML route maps with Google Maps API for visualizing travel routes.
 - Technologies: C++, Graph Algorithms, Priority Queues, Google Maps API, HTML.

SKILLS

- Languages:** C, C++, JavaScript, Java(Basics)
- Frameworks and Tools:** React.js, Node.js, Express.js, TailwindCSS, Bootstrap, GIT, Github
- Relevant Coursework:** Data Structures and Algorithms, Discrete Mathematics, Object Oriented Programming, Database Management Systems, Computer Networks, Operating Systems, Compiler Design
- Soft Skills:** Problem solving skills, Team Work, Adaptability, Time Management, Event Management

PROFILE LINKS

LeetCode: [lokesh-reddy18](https://leetcode.com/lokesh-reddy18)

GeeksforGeeks: [lokesh-reddy18](https://www.geeksforgeeks.org/author/lokesh-reddy18/)

Codeforces: [lokeshreddy18](https://codeforces.com/profile/lokeshreddy18)

CodeChef: [loki-1805](https://www.codechef.com/loki-1805)

ACHIEVEMENTS

- Achieved Knight on LeetCode (Maximum 1938).
- Hit 3-star at CodeChef (Maximum 1755) and Pupil at Codeforces (Maximum 1231).
- Ranked 30 of 5000 participants in CodeClash 2025 - The Battle of Algorithms.
- Achieved All India Rank of 178 out of 2 Lakh students in NCAT-2025 by Naukri.