**Kedarnath Tattapure**

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**OBJECTIVE**

Motivated Computer Science postgraduate (SRTMUN) with a strong foundation in Data Structures, Algorithms, and Full-Stack Web Development. Passionate about creating AI-driven solutions and contributing to large-scale software systems in a collaborative engineering environment.

**EDUCATION**

- **Master of Computer Application (MCA)** – SRTMUN | 2024 – Present
- **Bachelor of Computer Application** – SRTMUN | 2021 – 2024 | CGPA: 8.5/10

**TECHNICAL SKILLS**

- Languages: Python, JavaScript, C++
- Frameworks/Libraries: React.js, Node.js, Express.js
- Databases: MongoDB, Firebase
- Tools: Git, VS Code, Postman, OpenAI API
- Concepts: Data Structures, Algorithms (DSA), REST APIs, Object-Oriented Programming (OOP), Software Development

**PROJECTS**

**AI Chat Assistant** (React.js, Node.js, OpenAI API, Firebase)

- Developed an intelligent chat interface with context memory, leveraging the OpenAI API for natural language responses.
- Implemented Firebase for real-time data synchronization and user authentication in a Full-Stack environment.

**DSA Problem Solver** (C++, Python)

- Implemented an algorithm benchmarking CLI to compare the time and space complexity of various sorting and searching algorithms.
- Applied core Data Structures (Arrays, Trees, Graphs) and Algorithms to optimize problem-solving runtime.

**ACHIEVEMENTS**

● Solved 150+ problems on LeetCode, focusing on intermediate-to-advanced Data Structures and Algorithms.

● Built and deployed 10+ personal technology projects, including AI, automation, and Full-Stack web tools.

● Completed Udemy Data Science Course, gaining proficiency in data analysis and visualization.

● Achieved consistent typing speed of 45+ WPM with 98% accuracy.

**INTERESTS**

Software System Design | AI-driven Applications | Data Analysis | Scalable Systems