

SAI RAGHAVA ADITYA MADABATHULA

 7670898656  sairaghavaaditya7@gmail.com  [linkedin](#)  [github](#) [LeetCode](#) [HackerRank](#)

Summary

- Highly motivated 3rd-year Computer Science and Engineering student specializing in Artificial Intelligence and Machine Learning. Experienced in building scalable, full-stack applications and innovative solutions like a web-based interview simulation platform and real-time emotion detection system. Strong foundation in data structures, algorithms, and database management, with excellent problem-solving and teamwork skills.

Education

Pragati Engineering College	2022 - Present
Bachelor's Degree in Computer Science and Engineering	CGPA: 8.48/10
Aditya Junior College	2020 - 2022
Intermediate in Mathematics, Physics, and Chemistry	CGPA: 9.5/10

Experience

Infosys SpringBooard (Java Developer Intern)	October 25, 2024 - December 31, 2024
<ul style="list-style-type: none">Developed a multi-cloud file management application prototype using Java, React, and Spring Boot, enabling file operations (upload, move, download) with metadata stored in MySQL.Designed to serve as a foundation for future integration with Google Drive and OneDrive, unifying both platforms into a single interface.	

Projects

Web-Based Selector-Appllicant Simulation Software
<ul style="list-style-type: none">Designed and developed an AI-driven interview simulation platform to evaluate candidates objectively.Built with Django (backend) and React.js (frontend) for seamless user interaction.Implemented a scoring mechanism to assess candidate responses for relevance and suitability, simulating a real-life boardroom interview experience.Delivered a realistic, automated interview experience to enhance unbiased recruitment.
Face Emotion Detection and Recognition Using CNN and Machine Learning
<ul style="list-style-type: none">Developed a real-time emotion detection system using Convolutional Neural Networks (CNN) in Python, integrated with a Django web application.Enabled accurate emotion recognition from facial expressions, supporting use cases in mental health monitoring, enhanced customer service, and security.Built a user-friendly, interactive interface through Django for seamless human-computer interaction.

Skills

Programming Languages: Java | Python
Frontend: HTML | CSS | Bootstrap JavaScript
Backend: Spring Boot
Version Control Systems: Git | Github
Academic Coursework: Data Structures and Algorithm | Operating Systems | OOP's | DBMS

Achievements

- [National Finalist, Smart India Hackathon 2024](#)
Successfully developed and demonstrated an innovative web-based selector-appllicant simulation software, addressing DRDO's recruitment challenges and securing the runner-up position as part of a collaborative 6-member team.
- Solved 300+ LeetCode problems across various data structures and algorithms.

Certifications

- NPTEL "Data Structures And Algorithms Using Java" recognized by Top 2 percentage with Elite Silver". [Certificate](#)
- NPTEL "Java Programming" recognized by Top 5 percentage with Elite Silver. [Certificate](#)
- NPTEL Elite Silver Certificate "The Joy of Computing using Python" [Certificate](#)