

SAI RAGHAVA ADITYA MADABATHULA

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

Objective

- Highly motivated 3rd-year Computer Science and Engineering student specializing in Artificial Intelligence and Machine Learning, with strong skills in programming, data structures, algorithms, and effective communication, teamwork, and problem-solving abilities.

Skills

Programming Languages: Java | Python

Frameworks: Django | Springboot | React.js

Database: MySQL

Developer Tools: Git/Github | Google Colab | Vs Code

Academic Coursework: Data Structures and Algorithm | Operating Systems | OOP | DBMS | AI | ML

Experience

Java Full Stack Intern

AICTE EduSkills Foundations (July 2024 - September 2024)

- Developed and maintained full-stack web applications using HTML, CSS, JavaScript, and backend technologies like Node.js, Spring boot, Hibernate to deliver scalable, responsive solutions, while collaborating on user-friendly interfaces and RESTful APIs.
- Implemented secure authentication systems with OAuth and JWT, and optimized application performance by integrating databases SQL and deploying on cloud platforms such as AWS.

Projects

Face Emotion Detection and Recognition Using CNN and Machine Learning

- 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.

Electricity Bill Management System

- The "Electricity Billing GUI" project was developed in Java using SQL, covering all functions of statutory electricity billing.
- This program ensures accuracy and efficiency, allowing for effective, efficient payment processing and user account management.
- It enhances customer experience by providing users with an intuitive interface to easily view, pay and manage their utility bills.

Education

Pragati Engineering College 2022 - 2026

Bachelor's Degree in Computer Science and Engineering CGPA: 8.56/10

Aditya Junior College 2020 - 2022

Intermediate in Mathematics, Physics, and Chemistry CGPA: 9.05/10

Achievements and Certificates

- NPTEL "Java Programming" certification recognized by Elite Silver (75 percentage) and Topper.
- NPTEL Elite Silver Certificate "The Joy of Writing with Python" (80 percentage).
- Completed Full-Stack Web Development Course on Udemy
Covered technologies such as HTML, CSS, JavaScript, Node.js, React, PostgreSQL, API
Developed engaging projects, including an interactive drum kit and a portfolio website, demonstrating my skills in web development
- Selected for Infosys Springboard Internship (Java Full Stack) - 5.0 On (October 2024)
Chosen to participate in Infosys Springboard's Java Full Stack Internship, a prestigious virtual program focused on developing industry-relevant skills in full stack development.
- Solved 200+ Problems On LeetCode.