

# Damarasingi Sai Teja

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## Profile Summary

A dedicated and self-motivated Full Stack Developer with experience in front-end and back-end development. Skilled in building responsive and scalable web applications using React.js and other modern technologies. Possesses strong team collaboration skills, efficient task management, and exceptional problem solving abilities. Proficient in the MERN stack and Django, consistently delivering high-quality solutions on time. Achieved a 2-star rating on Code Chef. Also serves as a coordinator for the ACM Student Chapter, promoting collaboration and knowledge sharing among peers.

## Education

**GMR Institute of Technology**, Computer Science and Engineering Oct 2022 - April 2026

- CGPA: 8.34/10 (up to 6<sup>th</sup> semester)

## Experience

**Python Full Stack Web Developer**, HMI Engineering Services June 2024 – July 2024

- Developed an interactive web application using Django, HTML, and CSS.
- Integrated machine learning models to predict lung cancer and analyze patient survival rates from X-ray images.
- Evaluated multiple ML algorithms, achieving 95% accuracy in predictions.

## Projects

**Agro Guide** Live Link

- Developed a multilingual agricultural platform with a React.js front-end and a Flask back-end integrated with machine learning models.
- Implemented features such as disease detection (InceptionV3, ResNet152V2), crop recommendation, and yield prediction.
- Used i18next for internationalization and CORS for API integration.

**Chattify** GitHub | Live Link

- Built a full stack Instagram clone with JWT-based user authentication and MongoDB for data management.
- Enabled features such as post creation, interaction (like, save, comment), and user following, with real-time messaging via Socket.io.
- Built a responsive user interface using Tailwind CSS for seamless experience across all devices.

**Ping Me** GitHub | Live Link

- Developed a full-stack real-time chat and video calling application with secure JWT authentication.
- Integrated Stream API for reliable messaging and video calls, and implemented a friend request system for user connections.
- Designed a fully responsive user interface using Tailwind CSS, DaisyUI, and managed queries efficiently with TanStack.

## Technologies

**Languages:** Python, JavaScript, C, C++, SQL **Databases:** MongoDB, MySQL  
**Frameworks:** React.js, Node.js, Express.js, Django, Bootstrap, Tailwind CSS **Tools:** Git, GitHub

## Achievements

**ACM Student Chapter Coordinator:** Organized technical events and workshops, managed documentation, fostered team collaboration, and promoted learning and innovation in technology.

**CodeChef:** cs22341a0539 (2-Star) **LeetCode:** d-saiteja