

THALLAPUREDDY SOMASHAKER REDDY

Phone: 8555833136 | Email: thallapureddysomashakerreddy5@gmail.com | GitHub: github.com/somashakerreddy | LinkedIn: linkedin.com/in/somashekar14

Professional Summary

Computer Science undergraduate with hands-on experience in MERN stack and AI-powered web applications. Skilled in React.js, Node.js, Express.js, MongoDB, REST APIs, and JWT authentication. Solved 300+ DSA problems on LeetCode with strong problem-solving skills.

Education

Samskruti College of Engineering	2022 – 2026
Bachelor of Technology (B.Tech) in Computer Science Engineering	
Sri Chaitanya Junior College	2020 – 2022
Intermediate (MPC)	
ZPHS Mamunuru	2020
Secondary School Certificate (SSC)	

Projects

PicToCaption AI-Powered Caption Generator	2025
<i>Full Stack Web Application</i>	
<ul style="list-style-type: none">Built a full-stack application that generates social-media-ready captions from uploaded images using AIImplemented secure user authentication using JWT and protected REST APIsDesigned image upload and processing workflow integrated with AI servicesDeveloped a responsive React frontend with efficient backend communication	
Technologies: React.js, Node.js, Express.js, MongoDB, JWT, AI APIs	
Virtual Assistant MERN Stack & Generative AI	2025
<i>Generative AI Web Application</i>	
<ul style="list-style-type: none">Developed a full-stack virtual assistant capable of generating intelligent, context-aware responsesIntegrated Google Gemini API to enable conversational AI functionalityUsed Cloudinary for secure image and file uploadsBuilt RESTful APIs and a responsive React-based user interface	
Technologies: MongoDB, Express.js, React.js, Node.js, Google Gemini API, Cloudinary	

Smart Expense Tracker Website	2024
<i>MERN Stack Application</i>	
<ul style="list-style-type: none">Developed a full-stack expense tracking application for personal finance managementImplemented secure user authentication and authorization using JWTEnabled expense categorization and spending analysis with visual dashboardsDesigned responsive UI components for tracking financial summaries	
Technologies: MongoDB, Express.js, React.js, Node.js, JWT, REST APIs	

Technical Skills

Languages: Python, JavaScript, Java

Frontend: React.js, HTML, CSS

Backend: Node.js, Express.js

Databases: MongoDB, MySQL

Tools: Git, GitHub, Postman

Achievements

- Secured **2nd Prize** in a college-level Hackathon
- Solved **300+** **Data Structures and Algorithms** problems on LeetCode

Certifications

Node.js & Express.js Simplilearn: REST APIs and backend fundamentals

Java Programming Scaler: Fundamentals of Java and object-oriented programming

Python Programming freeCodeCamp: Python basics and problem solving