

Mahesh Babu Chitikela

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Profile

Seeking a challenging role in a dynamic organization to contribute to projects with my skills while growing professionally and enhancing my capabilities alongside the organization's growth.

Education

Bachelor of Technology in Computer Science Dec 2021 – May 2024
Jawaharlal Nehru Technological University, Gurajada Vizianagaram **CGPA: 7.81**

Diploma in Computer Engineering Jul 2018 – Aug 2021
Andhra Polytechnic, Kakinada **85%**

Experience

Django Intern – Infosys Springboard Oct 2024 – Jan 2025

- Developed REST APIs using Django REST Framework for user and employee data management, customized for small-scale companies to automate payslip generation and leave tracking.
- Implemented email automation using Django's SMTP libraries and templating system, enabling real-time leave approvals and custom system notifications for payroll operations.

Web Development Intern – Codegnan IT Solutions Apr 2023 – Jun 2023

- Developed full-stack web applications using the MERN stack, including **Tweetify**, a Twitter-like platform supporting tweet posting, likes, user follow/unfollow, and real-time feed updates.
- Deployed MERN applications on **Render** with CI/CD integration, optimizing deployment pipeline and ensuring 99% uptime during testing and demo phases.

Projects

PaySphere – Comprehensive Payroll Services

- Built a seamlessly integrated, full-stack payroll automation system using Django and REST APIs to efficiently manage employee data, leave tracking, payroll generation, and automated email notifications for streamlined HR workflows.
- Conducted thorough API testing using Postman, ensuring seamless functionality and reliability
- Designed analytically optimized REST API endpoints for CRUD operations, user authentication, and leave approval workflows, thoughtfully tailored for small-scale businesses to ensure scalable and maintainable solutions.

Tweetify – Social Media Platform

- Built a Twitter-like platform using the MERN stack that supports tweet creation, liking, real-time feed updates, and user interactions, including follow / unfollow functionality.

News Headline Generator

- Developed a robust headline generation tool using **NLTK** and **SpaCy** for keyword extraction, leveraging advanced NLP techniques to accurately summarize news content.
- Integrated intelligent keyword ranking algorithms to improve accuracy and deployed the app using **Gradio**, enabling interactive user inputs and real-time, dynamic headline generation.

Chatify – Personal Chat Application

- Developed a smooth and reliable real-time chat application using the MERN stack and **Socket.io** for instantaneous messaging; implemented user registration with avatar selection, enabling peer-to-peer conversations and immersive live chat experiences.

Skills

Languages: Python, Java, JavaScript, HTML, CSS, SQL

Frameworks/Tools: Django, MERN Stack (MongoDB, Express.js, React.js, Node.js), Socket.io, Postman, Bootstrap, Git

Other: REST API Development, Full Stack Development, MS Excel, analytical and problem-solving

Certifications

GeeksforGeeks API Bootcamp – Sponsored by Postman
MERN Stack Developer – Codegnan
Python-Django Developer – Infosys Springboard
Introduction to Packet Tracer – Cisco
Build Your Own Chatbot – IBM
Cybersecurity Essentials – Cisco
CSS and JavaScript for Beginners – Udemy

Achievements

- Hackerrank Star Badges: Python, Problem Solving
- Solved 310+ LeetCode problems
- 100 Days of LeetCode Badge (2023)
- 50 Days of LeetCode in 2025 Badge