

Challa Venkata Ramana

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Objective

Aspiring Software Engineer with hands-on experience in Full Stack Development (MERN), a strong foundation in Data Structures and Algorithms, and a growing passion for Machine Learning. Seeking to leverage technical skills and problem-solving abilities in a challenging role at a reputed organization, contributing to innovative solutions and continuous learning in a dynamic tech environment.

Education

Rajiv Gandhi University of Knowledge Technologies, Srikakulam- B.Tech *Oct 2022 – Feb 2026*

- ➡ Computer Science and Engineering
- ➡ CGPA : 9.1/10

Rajiv Gandhi University of Knowledge Technologies, Srikakulam- PUC *Aug 2020 – Sep 2022*

- ➡ Maths, Physics and Chemistry
- ➡ CGPA : 9.78/10

Gems School, Kalingapatnam - Secondary Education *June 2018 – April 2020*

- ➡ CGPA : 8.7/10

Experience

MERN Stack Developer Intern *[Oct 2024 – Present]*

Scale Orange Technologies Pvt. Ltd, Hyderabad

Offer Letter [🔗](#)

- Developed dynamic and responsive web applications using React.js
- Designed and implemented full-stack projects with optimized API integrations.
- Improved system performance by leveraging RESTful APIs and the MERN stack.

Projects

Prescripto – Doctor Appointment Booking App [🔗](#)

[🌐](#) [🔗](#) GitHub

- **Role:** Full-Stack Developer
- **Tools Used:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Cloudinary
- **Key Features:**
 - Role-based access (Patients, Doctors, Admins) with JWT authentication.
 - Doctors manage schedules, fees, and real-time notifications via Toast.
 - Admin panel for system management with Cloudinary image storage.
 - Deployed on Render for scalability.

MultiBooking Application

[🔗](#) [🔗](#) Frontend [🔗](#) [🔗](#) Backend

- Role: Developer
- Tools Used: React.js, Node.js, Express.js, CSS
- Key Features:
 - Developed a responsive hotel booking system using React.js with Google Login and JWT authentication.
 - Integrated Google Sheets for data management and implemented a dynamic carousel for better UX.

Face Recognition-Based Attendance System

[🌐](#) [🔗](#)

- Role: Developer
- Tools Used: React.js, Python, Flask, openCV, Face recognition, Numpy, Tailwind CSS

- Key Features:
 - Built a real-time face recognition attendance system using Python, OpenCV, and face recognition for automated, contactless attendance logging.
 - Developed a responsive UI for seamless user registration and attendance management.

College Activities

- **Branch Coordinator, TECHNIVERSE-2K24 (Nov 12–14, 2024)** [🔗](#) – Led CSE department's participation in the tech fest.
- Managed logistics, volunteer coordination, and inter-team communication.
- Organized key events: **Nirman Code, Anveshika, Code Bid, Console Hack, Web Designathon.**

Skills

- Effective communication and collaboration skills.
- Proven leadership and team management abilities.

Languages/Softwares

- **Tech Stack:** React.js, Next.js, Node.js, Express.js, Tailwind CSS, JavaScript
- **Databases (Basics):** MongoDB, SQL, PostgreSQL
- **Programming:** Java (OOP, DSA), C, Python (ML Basics)
- **CS Concepts:** Operating Systems (OS), Object-Oriented Design (OOD), Computer Networks
- **Tools:** Git, Postman, WebSocket.io, REST APIs

Certifications

- ▣ **React JS Free Course** [🔗](#) – SCALER TOPICS
- ▣ **Object Oriented System Development Using UML, Java And Patterns** [🔗](#) – NPTEL
- ▣ **Deep Learning - IIT Ropar** [🔗](#) – NPTEL
- ▣ **Soft Skills: Develop Interpersonal Skills** [🔗](#) – IBM