

# Challa Venkata Ramana

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## Objective

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A passionate software developer with hands-on experience in the MERN stack (MongoDB, Express.js, React.js, Node.js). Skilled in building scalable web applications, developing RESTful APIs, and managing databases. Currently working on a MERN-based project and exploring the integration of Machine Learning (ML) models through APIs to enhance application functionality.

## Education

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**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

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**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

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**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.

**Public Issue Reporting System**

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

- Role: Developer
- Tools Used: React.js, Node.js, Express.js, Tailwind CSS, Mongo atlas

- Key Features:
  - Secure authentication with JWT and role-based dashboards.
  - Responsive UI in React.js with real-time WebSocket notifications.

## College Activities

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- **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

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

## Languages/Softwares

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- **Tech Stack:** React.js, Next.js, Node.js, Express.js, Tailwind CSS , Javascript
- **Databases (Basics):** MongoDB, SQL, PostgreSQL
- **Programming:** Java (OOPs, DSA), Python (ML Basics)
- **CS Concepts:** OS, Computer Networks, Security
- **Tools:** Git, Postman, WebSocket.io, REST APIs

## Certifications

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- ➡ **React JS Free Course** [🔗](#) – SCALER TOPICS
- ➡ **Postman API Fundamentals Student Expert** [🔗](#) – POSTMAN
- ➡ **Soft Skills: Develop Interpersonal Skills** [🔗](#) – IBM