

# Narasimha Gonela

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## Education

<b>Balaji Institute of Technology and Science Warangal</b> <i>B.Tech in Computer Engineering (Software Engineering)</i>	<b>2021 – 2024</b> 7.52 CGPA
<b>Daripally Anantha Ramulu College of Engineering and Technology Khammam</b> <i>Diploma in Mining Engineering</i>	<b>2018 – 2021</b> 7.97 CGPA
<b>ZPP Secondary School Narsampet</b> <i>SSC</i>	<b>2017 – 2018</b> 8.8 CGPA

## Internship Experience

**Python Call Center Logging** *Remote*  
*Revature* *AUG 2024 – NOV 2024*

- **Designed and developed** a scalable backend data management system to support call center operations, enhancing data organization and accessibility for analysis.
- **Created RESTful APIs** for processing user engagement and call performance data, enabling real-time analytics and custom reporting dashboards.
- **Built an optimized ETL pipeline** to convert large CSV datasets into a structured SQLite database, improving data processing efficiency and reliability.
- **Automated data export and reporting** with parameterized templates, providing timely and actionable insights to key stakeholders.
- **Technologies used:** Python, SQL.

**React Developer Intern** *Remote*  
*CodeBegun* *NOV 2024 – DEC 2024*

- **Implemented secure authentication** for both administrators and users, ensuring protected access to platform resources.
- **Developed an intuitive admin dashboard** with full user and quiz management capabilities, including CRUD operations.
- **Engineered dynamic quiz functionality** supporting multiple-choice and fill-in-the-blank question types, with features like draft saving, real-time preview, and publishing.
- **Enabled user-specific quiz assignments** with secure result storage and retrieval.
- **Built with modern technologies** including HTML, Tailwind CSS, JavaScript, ReactJS, React Router, and Local Storage for state persistence.

## Projects

**ToDo List** [Project Link](#) 

- Developed a dynamic and responsive To-Do list application using the **MERN** stack, enabling users to create, update, delete, and mark tasks as complete.
- Built a secure and scalable **RESTful API** using **Node.js** and **Express.js** to handle CRUD operations, enhancing backend performance and modularity.
- Integrated **MongoDB** as the database to store user tasks and metadata, implementing Mongoose schemas for structured and efficient data handling.
- Implemented user authentication and task persistence with **JWT** and **MongoDB**, ensuring secure access and data integrity across user sessions.
- **Technologies Used:** HTML5, Tailwind CSS, JavaScript, React.js, Express.js, MongoDB, Node.js, Local Storage, Postman API, CORS

## Sports Management System

[Project Link](#) 

- Developed a scalable Sports Management System using the MERN stack is designed to streamline the scheduling and coordination of sports-related activities and resources
- Implemented secure user authentication and role-based access control with JWT, ensuring data privacy and authorized access.
- Designed and built responsive React.js interfaces for seamless user experience across desktops and mobile devices.
- **Technologies Used:** HTML5, Tailwind CSS, JavaScript, React.js, Express.js, MongoDB, Node.js, Local Storage, Postman API, CORS

## MERN Stack Blog Platform

[Project Link](#) 

- Developed a full-stack Blog application using the MERN stack (MongoDB, Express.js, React.js, Node.js) enabling users to create, edit, and delete blog posts with a responsive and intuitive UI.
- Implemented secure user authentication and authorization using JWT and role-based access control to protect user data and manage permissions effectively.
- Designed and built RESTful APIs with Express.js and Node.js to handle CRUD operations, optimized with MongoDB and Mongoose for efficient data storage and retrieval.
- Integrated advanced features such as post categorization, filtering, and search functionality to enhance content discoverability and user engagement.
- **Technologies Used:** HTML5, Tailwind CSS, JavaScript, React.js, Express.js, MongoDB, Node.js, Local Storage, Postman API, JWT, Multer, CORS

## College Bus Live Tracking System

[Source Code](#) 

- Developed an Android-based live tracking system that does not rely on GPS modules, allowing secure location sharing for registered users
- Implemented password-protected access to restrict location sharing to authorized users only
- Configured the client to act as a server, uploading location coordinates to Firebase for cloud-based real-time location sharing.
- Utilized Firebase's database capabilities to effectively manage the location-sharing framework, ensuring secure and efficient connectivity among clients.
- **Technologies Used:** HTML5, Tailwind CSS, JavaScript, React.js, Express.js, MongoDB, Node.js, Local Storage, Postman API, JWT, Multer, CORS

## Technical Skills

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**Languages:** Python, Java, C, JavaScript

**Backend:** Node.js, Express.js

**Frontend:** HTML, CSS, TailwindCSS, React.js

**Clouds & Databases:** MySQL, PLSQL, MongoDB

**Developer Tools:** VS Code, GitHub, Postman API, Thunder Client

## Certifications

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NPTEL Certified in Database Management Systems (DBMS).

Cisco PCAP Certified in Programming Essentials in Python.

Google Cloud Computing Foundation(GCP) Certified.

Google Developer Certification by DEVTOWN.

## Honours/Achievements

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**Awarded a Silver Medal** for academic excellence as the **Branch Topper**, recognizing outstanding performance and dedication to studies.

**Served as Class Representative (CR) for 3 years during my Diploma**, showcasing leadership, communication, and organizational abilities while effectively bridging communication between faculty and students.