

Maganti Praveen Sai

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Professional Summary

Full Stack Developer with hands-on experience building scalable web applications using React, Node.js, Express.js, and MongoDB. Proficient in Python with experience in writing clean, maintainable code and applying software development best practices. Experienced in developing SaaS platforms, REST APIs, authentication systems, admin dashboards, and payment integrations. Familiar with agile methodologies and version control workflows.

Experience

Software Developer Intern

Jun 2026 – Present

Shnoor International LLC

Remote

- Collaboratively built a full-stack enterprise CRM and Project Management Portal as part of a 5-member team, supporting role-based access for Admin, Staff, and Client portals using React, Node.js, Express, and PostgreSQL.
- Developed the Admin Dashboard modules including user management, project oversight, and platform-wide configuration controls.
- Designed a secure authentication pipeline with Two-Factor Authentication (2FA), OTP persistence via PostgreSQL, and Express rate-limiters to prevent brute-force attacks.
- Built a multi-provider email dispatch system supporting SMTP, Brevo, and Resend with a template parser to automate transactional alerts across the platform.
- Implemented bulk import/export utilities for onboarding Staff and Clients via Excel, handling data validation and error reporting workflows.

Projects

TrackMate – Real-Time Transport Tracking System

Live | GitHub

- Led a 4-member team in developing a full-stack bus tracking system for Ramachandra College of Engineering using React, Node.js, Express.js, and MongoDB.
- Implemented real-time GPS tracking, ETA updates, and live trip synchronization using Socket.IO and Leaflet maps.
- Developed role-based modules for admin, drivers, and students with JWT authentication and secure route management.
- Built features including push notifications, SOS alerts, trip controls, public tracking pages, CSV export tools, and PWA support.

RCEE RIMS – Research Information Management System

GitHub

- Developed a full-stack MERN application for managing faculty research profiles, publications, patents, workshops, certifications, and institutional reports.
- Implemented secure multi-role access for Admin, HOD, and Faculty users using JWT authentication and role-based authorization.
- Built PDF and Excel export systems, bulk account upload workflows, leaderboard analytics, and department comparison dashboards.
- Integrated email workflows for password reset, notifications, and automated account communication using Nodemailer and Gmail SMTP.

Technical Skills

Languages: Python, C

Skills: React.js, Node.js, Express.js, MongoDB, SQL, REST APIs, Tailwind CSS

Tools & Platforms: Git, GitHub, VS Code, Render, Netlify

Education

B.Tech – Computer Science and Engineering

2022 – 2026

Ramachandra College of Engineering, Eluru (JNTUK)

CGPA: 8.3

Sri Chaitanya Junior College

Intermediate: 83.2%

Sri Chaitanya Techno School

SSC: 96.7%

Certifications & Achievements

- ServiceNow Certified System Administrator (CSA)
- NPTEL – Introduction to Internet of Things
- Secured Top 30 position among 900+ participants in Shastra Competitive Coding Contest.