# Rayavarapu Praneeth

**Software Engineer | Full Stack Developer | MERN & .NET Specialist**

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## Professional Summary

Passionate and performance-driven Full Stack Developer with 2 years of experience in building scalable web applications using Angular, React, ASP.NET Core, and Node.js. Skilled in developing RESTful APIs, modern UI/UX, and integrating secure database systems like SQL Server and MySQL. Adept in Agile/Scrum environments, DevOps pipelines, and collaborative product development. Strong problem-solving, debugging, and communication skills. Seeking challenging opportunities to deliver impactful digital solutions.

## Technical Highlights

- **Frontend:** Angular, React.js, HTML5, CSS3, JavaScript (ES6+), Bootstrap, Angular Material
- **Backend:** ASP.NET Core, Node.js, Express.js, Flask
- **Database:** SQL Server, MySQL, MongoDB
- **DevOps/Tools:** GIT, Azure DevOps, Postman, GitHub, VS Code
- **Cloud & APIs:** REST APIs, OpenAI API, Firebase (basic)

## Work Experience

### Software Engineer – Caliber Technologies (Sep 2023 – Present)

- Worked in the Innovation Team to develop modular, scalable, and compliance-oriented enterprise applications.
- Built and maintained Angular components and integrated them with ASP.NET Core Web APIs.
- Participated in daily scrums, sprint planning, and code reviews; delivered 20+ user stories across 3 modules.
- Actively collaborated with QA, Product Owners, and DBAs to ensure smooth release cycles and defect-free deployments.

## Projects

### Empro – Microbial Management System

Enterprise-grade pharmaceutical platform for managing environmental microbial test results, ensuring compliance with FDA and GMP standards.
**Key Features:** Zone-wise sample tracking, microbial trend graphs, auto-trigger alerts for threshold breaches, PDF/Excel reporting, audit trail for CFR 21 compliance.
**My Role:** Led front-end development using Angular and Angular Material; integrated REST APIs built with ASP.NET Web API; optimized SQL Server queries for large data sets; implemented reusable components and chart integrations; closely worked with QA for bug resolutions and release cycles.

### Courses Portal – Learning Management System

A full-stack LMS allowing students to explore and enroll in courses, with admin control for approvals and course management.
**Key Features:** Role-based access (Admin/Student), JWT authentication, course filtering & sorting, real-time seat tracking, and approval workflows.
**My Role:** Developed the UI using React.js with Redux for state management; created RESTful APIs with Node.js & Express; designed MySQL schemas with relationships; implemented authentication, protected routes, and full front-end/backend integration.

### OpenAI Prompt UI – Custom ChatGPT Interaction Tool

A browser-based tool that allows users to interact with OpenAI's API using customizable prompt templates for content creation, coding, and communication.
**Key Features:** Prompt template selection, input history tracking, clipboard copy, error handling, and productivity-focused UI.
**My Role:** Built the interface using HTML, CSS, and vanilla JavaScript; integrated OpenAI API; added UX enhancements and reusable prompt presets to simplify user workflows.

### Portfolio Website – Developer Showcase

A modern portfolio to highlight my skills, tech stack, and projects with mobile-first responsive design.
**Key Features:** Project gallery with GitHub links, animated sections, downloadable resume, and email-based contact form.
**My Role:** Designed and implemented the website using React & React-Bootstrap; deployed to GitHub Pages; integrated EmailJS for contact form functionality; optimized for SEO and fast performance.

### Recycling Management System – Smart Eco App

A community recycling management platform aimed at encouraging sustainability through digital waste tracking and pickup scheduling.
**Key Features:** User onboarding, category-wise waste logging, pickup calendar, eco-score analytics, and admin approval for requests.
**My Role:** Engineered backend using Node.js and Express; developed interactive front-end using EJS and Bootstrap; managed MySQL database schema; designed dashboard for users and admin; improved performance by optimizing DB queries and reusing templates.

## Education

- **B.Tech in Computer Science**, ANITS, Andhra Pradesh – 2023
- **Intermediate (MPC)**, Andhra Pradesh Board – 2017
- **SSC**, Andhra Pradesh – 2015

## Certifications

- Essentials Of Python - Coursera
- Java Certification - Hackerrank
- Python Certification - Hackerrank

## Soft Skills & Strengths

- Excellent team collaboration and cross-functional communication
- Fast learner with strong debugging and root cause analysis skills

- Adaptable to new technologies and domains with minimal ramp-up time
- Ability to handle pressure and meet strict delivery timelines

## Languages Known

- English (Fluent), Telugu (Native)

## Availability & Preferences

- **Availability:** Immediate
- **Work Preference:** Remote / Hybrid / On-site (open)
- **Relocation:** Willing to relocate across India