

Manoj Kumar Achanta

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Professional Summary

Detail-oriented MERN Stack Developer proficient in designing and developing full-stack web applications using React.js, Node.js, Express, and MongoDB. Skilled in crafting responsive UIs with Tailwind CSS, integrating AI APIs, and delivering clean, maintainable code to solve real-world problems efficiently.

Experience

Full-Stack Developer Intern

Feb 2025 – Present

KK Consultancy (SITE) Tadepalligudem, A.P

- Redesigned Bagndash platform's frontend architecture using React.js, implementing responsive design patterns and component optimization, resulting in 35% improved user engagement and 50% faster page load times.
- Developed real-time filtering and advanced search functionality with debouncing and pagination, optimizing MongoDB queries and Express.js APIs to reduce response times by 25–40% for 1000+ concurrent users.
- Integrated NetBird VPN infrastructure for secure client communications, implementing automated deployment scripts and network configuration management, ensuring 99.9% uptime for critical business operations.
- Collaborated with cross-functional teams to implement RESTful API endpoints, conduct code reviews, and maintain Git workflow standards, contributing to 15+ feature releases during internship period.
- Optimized database performance through indexing strategies and query optimization, reducing data retrieval time by 30% and improving overall application scalability for enterprise-level usage.

Projects

SmartMatch AI – Resume & Job Matching Platform

Jun 2025

Tech Stack: React.js, Node.js, Express.js, MongoDB, OpenAI Gemini API, Clerk, Apache Superset

- Developed AI-powered resume parser and matching algorithm using Gemini API, achieving 92% skill-match accuracy.
- Built secure, responsive platform with Clerk-based auth, role control, and mobile-friendly React.js UI.
- Integrated Apache Superset dashboards for visual insights, enabling recruiters to make data-driven decisions.

Developer Forum Platform – Community Q&A System

Dec 2024 – Feb 2025

Tech Stack: React.js, Node.js, Express.js, MongoDB, Socket.IO, JWT Authentication

- Built real-time Q&A platform with Socket.IO, featuring reputation scores, voting, and rich markdown-based content.
- Developed robust backend with JWT authentication, secure access control, and MongoDB search optimizations.
- Designed a clean, mobile-friendly UI using React.js and Tailwind CSS, enhancing usability and performance.

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, Java, C

Frontend Development: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap

Backend Development: Node.js, Express.js

Databases: MongoDB, MySQL, PostgreSQL

AI & Data Tools: OpenAI API, Gemini API

Dev Tools: Git, GitHub, VS Code, Postman, npm, pnpm

Cloud & Deployment: Vercel, Netlify, Render, MongoDB Atlas, Railway

Soft Skills: Teamwork, Collaboration, Communication, Time Management

Education

B.Tech in Information Technology

2022 – 2026

Sasi Institute of Technology and Engineering, Tadepalligudem, A.P CGPA: 8.4/10

Intermediate Education (MPC)

2020 – 2022

Sri Pragati Junior College, Tadepalligudem, A.P Percentage: 82.4%

Secondary School Certificate

2018 – 2020

MPHS, Tadepalligudem, A.P CGPA: 9.7/10

Certifications & Achievements

- Problem Solving (Basic)** – HackerRank (Sep 2024)
- Android Developer** – Google AICTE Eduskills (2024)
- Active member of BCDE Soldier Group, demonstrating team coordination, discipline, and community involvement.