

# Sandeep Reddy Manda

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## Education

**B.Tech in Computer Science and Engineering** **CGPA: 7.7/10**    2023 – 2027 (Expected)  
*Aditya University (Formerly Aditya Engineering College), Andhra Pradesh, India*

## Skills

**Languages:** Python, Java, C/C++, JavaScript, SQL, Bash  
**Backend:** Node.js, Express.js, FastAPI, Flask, REST APIs, JWT  
**Frontend:** React, HTML, CSS  
**Databases:** MongoDB, MySQL, SQLite  
**Tools:** Git, GitHub, GitHub Copilot, GitHub Actions (CI/CD), Docker, Linux, PM2, Cloudflare Tunnel, AWS, Postman  
**Core Concepts:** DSA, Object-Oriented Programming, DBMS, Operating Systems (OS), Computer Networks

## Projects

**Project Nexus** | *Enterprise On-Premise RAG Knowledge Platform* Apr 2026 – May 2026

- Developed frontend modules and backend services using React and FastAPI for an enterprise on-premise RAG platform.
- Implemented RBAC, document indexing and vector search using Qdrant and local LLMs.
- Supported secure on-premise deployment to keep organization data within local infrastructure.

**Attendance Portal** | *Student Attendance Platform* 🐙 🔗 Dec 2024 – Jan 2025

- Built and deployed a full-stack attendance platform serving 5,000+ registered users and 150,000+ visits.
- Developed REST APIs, attendance analytics, timetable visualization and attendance forecasting.
- Deployed on a self-hosted Linux server with PM2 and Cloudflare Tunnel.

**WheelRiot** | *E-Commerce Platform* 🐙 🔗 Dec 2025 – Mar 2026

- Developed RESTful backend APIs and a MERN e-commerce platform supporting authentication, products, orders and secure payments.
- Integrated Google OAuth, Razorpay payment gateway, ShipRocket APIs, PDF invoices, email notifications.
- Built an admin dashboard for inventory, analytics, orders and reviews.

**BallotNXT** | *Secure Digital Voting Platform* 🔗 Apr 2025 - May 2025

- Developed a secure electronic voting platform featuring biometric voter verification using SecuGen fingerprint scanner.
- Built an administrative election management system with voter registration, election management and live monitoring.

## Experience

**Full Stack Development Intern - Technical Hub Pvt. Ltd., India** May 2026 – June 2026

- Developed responsive React applications and integrated REST APIs.
- Collaborated using Git and followed software development best practices.

**Full Stack Development Intern - Technical Hub Pvt. Ltd., India** May 2025 – June 2025

- Built backend APIs, CRUD applications and authentication workflows using Node.js, Express.js and MongoDB.

## Achievements

- Secured **4th Place among 160 teams** at Technical Hub - Project Space 2026 for developing an enterprise Retrieval-Augmented Generation (RAG) platform using local LLMs and Qdrant.

## Certifications

- AWS Academy Graduate - Cloud Foundations
- Microsoft GitHub Foundations
- MongoDB Certified Associate Developer
- Oracle Certified Foundations Associate - Java
- Red Hat Certified System Administrator (RHCSA)