

# MANOJ MANNAM

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## CAREER OBJECTIVE

To build a growth-oriented and challenging career where I can contribute my software skills to the organization, while continuously learning, solving real-world problems, and improving through teamwork.

## TECHNICAL SKILLS

**Languages:** C++(primary), Python, Java(working knowledge), JavaScript

**Backend Development:** Node.js, Express.js, RESTful API, Authentication & authorization (JWT)

**Database:** Relational & NoSQL databases (PostgreSQL, MongoDB)

**AI & NLP Tools:** LLM API integration, LangChain, RAG Basics, Prompt Engineering

**Developer Tools:** Git, GitHub, Linux

**Computer Science Foundations:** Data Structures & Algorithms, Operating Systems, Computer Networks, Object-Oriented Programming

## EXPERIENCE

### Full-Stack PDF Marketplace (Freelance Project)

2024

*JavaScript, Supabase, Razorpay, Netlify*

Remote

- Built and deployed a full-stack PDF marketplace with secure user authentication.
- Implemented core flows including PDF browsing, search, tagging, cart and order handling.
- Developed a secure purchase workflow that verifies payments and grants PDF access after successful transaction.
- Designed a modular backend separating auth, product, cart, and payment logic for scalability.
- Collaborated effectively with stakeholders to understand requirements, deliver features iteratively, and received positive feedback.

## PROJECTS

### AI Files Organizer [GitHub] *JavaScript, Supabase (SQL), LangChain, Xenova Transformers*

2025

- Built an AI-powered PDF organizer with smart search, auto-tagging, and structured categorization.
- Implemented fast text extraction, preview, and download features for quick file access.
- Integrated LangChain and Transformers to enable content-aware AI queries on PDFs.
- Validated effectiveness through a survey where **80%** of users preferred it over traditional file managers.

### Org Income & Expense Tracking System [GitHub] *Node.js, Express.js, PostgreSQL, React.js, JWT*

2025

- Built a role-based system for organization income and expense tracking with admin approvals.
- Implemented transaction approval flow before updating organization balances.
- Developed backend APIs for authentication, organization, and transaction management.
- Designed PostgreSQL schema with organization-level data isolation.
- Created separate Admin and User views for approvals and balance tracking.

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

2022 – 2026

*CMR College of Engineering and Technology, Medchal*

## ACHIEVEMENTS & CODING PROFILES

### LeetCode: [Profile Link](#)

Ranked in the Top 9.02% with a Contest Rating of 1767 and 300+ problems solved.

### Shaastra'25 Finalist – IIT Madras: Jan 2025

Qualified for the finals through a national-level CodeChef coding contest.

### Top Performer – Coding Contest: [Link](#)

Secured 3rd place among 300+ participants by solving 3/4 problems in 1 hour.