

Adarsh P

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Karkala, Karnataka, India



PROFESSIONAL SUMMARY

Results-driven MCA student with **2+ years of hands-on full-stack development experience** in **Django** and currently exploring the **MERN stack** by building projects. Developed secure, scalable web applications for production, with practical skills in **JWT Authentication**, **AWS deployment**, **Socket.io**, and **modern web technologies** gained through both internship and personal projects.

PROFESSIONAL EXPERIENCE

Elogixa Technology India Private Limited

Jan 2025 – June 2025

Software Development Intern

- **Led full-stack development** of "Exam-Room Application" in **live production** using **Django, PostgreSQL, React.js** with JWT authentication and requirement analysis using MoSCoW methodologies, participating in requirement analysis using RICE methodology.
- **Built RESTful APIs** with Django REST Framework and optimized performance using Axios for enhanced user experience, ensuring high system reliability and seamless frontend-backend integration, including core module development for Candidate Enrollment and Exam-Taker.

TECHNICAL PROJECTS

ChatFlow - Real-time Messaging Platform

July 2025

- **Technologies:** MERN Stack, Socket.io, Firebase — **Deployment:** AWS EC2 with PM2 and Nginx for scalable production environment.
- **Built full-stack real-time chat application** with follow/unfollow functionality, online/offline status indicators, and typing indicators, implementing efficient socket management, secure authentication, and robust data protection.

Document Q&A Application

Jan 2025

- **Technologies:** Python, Cohere LLM API, JavaScript, HTML/CSS — **Live Demo:** <https://tranquil-crepe-99fec3.netlify.app/>
- **Built AI-powered web application** enabling intelligent document interaction through natural language processing with context-aware responses, integrating Cohere LLM API for advanced NLP capabilities and seamless API integration.

Havmore with Us - Inventory Management System

Feb 2023 – Apr 2023

- **Technologies:** Python, Django, HTML/CSS, MySQL — **Team Size:** 2
- **Designed comprehensive inventory management system** with automated workflows reducing manual data entry and improving operational efficiency, building secure database operations with optimized performance and responsive UI.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C/C++, JavaScript, SQL, HTML/CSS
- **Frameworks & Libraries:** Django, Django REST Framework, React.js, Node.js, Express.js
- **Databases:** MySQL, PostgreSQL, MongoDB, Oracle Database, Firebase
- **Tools & Technologies:** Git, VS Code, Postman, JWT Authentication, RESTful APIs, Socket.io
- **Cloud & Deployment:** AWS EC2, PM2, Nginx, Firebase Storage, Vercel, Netlify
- **Development Practices:** Full-stack Development, Real-time Systems, Agile Methodologies, System Design, AI/ML API Integration

EDUCATION

Manipal Institute of Technology, Manipal

Master of Computer Applications (MCA)

Sri Bhuvanendra College, Karkala

Bachelor of Computer Applications (BCA)

Aug 2023 – Present

Karnataka, India

Aug 2020 – May 2023

Karnataka, India