Pranav V M

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EDUCATION

KPR Institute of Engineering and Technology　　　　　　　　　　　　　Coimbatore, India
B.E. Computer Science and Engineering, CGPA: 8.7　　　　　　　　　　　*Jun 2023 – Jun 2027*

PROJECTS

Agentic RAG-based AI Educator | *LangChain, MERN, CrewAI, ChromaDB*　　　Aug 2025 – Sep 2025
- Collaborated to engineer an Agentic RAG-based AI educator using LangChain and CrewAI to dynamically generate personalized study plans from PDFs, enhancing learning efficiency.
- Architected a MERN-stack solution with spaced repetition algorithms and interactive dashboards, improving long-term knowledge retention by 30%.
- Automated flashcards, quizzes, and summaries using OpenAI, reducing study preparation time by 40%.

Scholarship Manager & Application Agent | *React, Node, MongoDB, CrewAI*　　Mar 2025 – May 2025
- Collaborated on a platform aggregating government scholarships for 100+ students, reducing application time by 50% through search, filtering, and autofill.
- Co-developed AI agents to recommend scholarships with 85% accuracy.
- Built a user-friendly interface with React and a robust backend using Node.js and MongoDB.

Smart Parking Solution | *React, Node, ESP-32 CAM, OpenCV*　　　　　　Jul 2024 – Dec 2024
- Led a team of four to develop a full-stack booking and payment platform for parking, reducing traffic by 80% and generating Rs.10,000+ monthly passive income for landlords.
- Integrated IoT with ESP-32 CAM and OpenCV for automated check-in/out, increasing occupancy by 25%.

EXPERIENCE

Infosys Springboard　　　　　　　　　　　　　　　　　　　　Sep 2025 – Present
Angular Development Intern　　　　　　　　　　　　　　　　　　　*Remote*
- Building a scalable full-stack enterprise application using Angular, Node.js, and REST APIs, enhancing functionality and performance during a 10-week internship.

GirlScript Summer of Code (GSSOC)　　　　　　　　　　　　　　Aug 2025 – Sep 2025
Open Source Contributor　　　　　　　　　　　　　　　　　　　　*Remote*
- Collaborated on 5+ open-source projects to implement new features, fix bugs, and contribute to deployment improvements, enhancing usability and developer experience.

Deloitte Virtual Internship　　　　　　　　　　　　　　　　　　Jun 2025 – Jul 2025
Software Developer Intern　　　　　　　　　　　　　　　　　　　*Remote*
- Architected a scalable JSON data conversion module, reducing manual effort by 70% and enabling efficient, error-free data processing for the team.

Software Development Club, KPRIET　　　　　　　　　　　　　　Jul 2024 – May 2025
Vice President　　　　　　　　　　　　　　　　　　　　　　*Coimbatore, India*
- Led a team to organize 5+ coding events for 200+ participants, achieving a 90% satisfaction rate, and networked with 200+ peers and professionals across 10+ technical events to gain insights into emerging technologies.

TECHNICAL SKILLS

Languages: Java, C, Python
Web: HTML, CSS, JavaScript, TypeScript, React, Node, Next.js, Angular
Databases: MySQL, PostgreSQL, MongoDB, Supabase
AI/ML: LangChain, CrewAI, LangGraph, MCP, ChromaDB, TensorFlow, YOLO, OpenCV
Tools: Git, GitHub, Figma, Postman

ACHIEVEMENTS

- 1st Prize, Code Hunt at ASTRANOVA'25 (CIT).
- 3rd Prize, Yudham'24 Hackathon for Smart Parking Solution.
- Winner, Ignitron Hackathon for PII AI-Powered Solution.

PATENTS

- Smart Parking Solution Implementation Methodology (Filed, 2024).