

john prakash

johnjp555jp@gmail.com • 9345312169 • www.linkedin.com/in/john-prakash-eduai

SUMMARY

Aspiring AI Engineer and MCA student specializing in Generative AI at SRMIST. Proficient in building end-to-end AI products using React, TypeScript, and PostgreSQL. Experienced in implementing long-term memory systems, prompt engineering, and intelligent coaching agents. Passionate about developing scalable AI solutions that bridge the gap between complex machine learning models and intuitive user experiences.

SKILLS

Generative AI • Large Language Models (LLMs) • Prompt Engineering • AI Product Development • React.js • TypeScript • PostgreSQL • Supabase • Vector Databases • Python • RESTful APIs • UI/UX Design

PROJECTS

Sentira AI — Emotional Support Platform

- Architected an emotional support platform utilizing LLMs with long-term memory capabilities via vector databases to maintain conversation context.
- Engineered emotional theme tracking algorithms and multilingual mirroring to enhance user empathy and engagement levels.
- Integrated Supabase and PostgreSQL for secure user data management and real-time conversation persistence.

NorthStar AI — Accountability & Planning Platform

- Developed an AI-driven goal discovery system that generates personalized execution plans and builds sustainable user habits via intelligent coaching.
- Implemented progress tracking dashboards using React and TypeScript, providing users with data-driven insights into goal achievement.
- Designed and optimized database schemas to handle complex user progression data and automated accountability triggers.

CareerForge AI — Career Development Platform

- Built a full-stack career development tool that automates resume optimization and LinkedIn profile enhancement using Prompt Engineering.
- Created an automated career roadmap generator that identifies skill gaps and provides targeted placement readiness resources.
- Streamlined UI/UX design to facilitate seamless navigation for students managing multiple career preparation workflows.

CERTIFICATIONS

- Generative AI: Introduction and Applications (IBM)
- Building Generative AI-Powered Applications with Python (IBM)
- Open AI and Generative AI (SRM University)

EDUCATION

Master of Computer Applications (MCA) in Generative AI

SRM Institute of Science and Technology (SRMIST) • 2023 – Present