

Ravishankar Kumar

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EDUCATION

MisogiAI by Masai

AI Engineering

Andhra University

Master of Computer Applications

University Of Delhi

Bachelor Of Science

Bengaluru, India

June 2025 - Present

Visakhapatnam, India

July 2024 - June 2026

Delhi, India

July 2014 - May 2017

TECHNICAL SKILLS

AI/ML: LLMs, LangChain, LangGraph, FastMCP, RAG, Vector Databases, Hugging Face, Prompt Engineering, LLM Fine-Tuning

Languages & Databases: Python, JavaScript (ES6+), TypeScript, HTML5, CSS3, MongoDB, PostgreSQL, Redis

Frameworks & Libraries: React.js, Next.js, Node.js, Nest.js, FastAPI, Redux, Tailwind CSS, Material-UI

Architecture & DevOps: RESTful APIs, Docker, Netlify, Vercel

Version Control & Tools: Git, GitHub, GitLab, Webpack, Babel, npm, pnpm, ESLint, Prettier

PROJECTS

Interview Pro – AI-Augmented Recruitment Interview Platform | Next.js, Node.js, PostgreSQL, Redis, OpenAI, WebRTC

- Built a prototype recruitment platform combining **video interviews**, **collaborative code editor**, and AI-powered assessment (OpenAI), automating code review and NLP-based response analysis for a sample of 50 candidates and reducing manual evaluation effort by **60-70%**.
- Implemented candidate management, scheduling, JWT authentication, email notifications, and PDF report generation, simulating a workflow that typically takes several hours of manual coordination.
- Engineered a scalable architecture with **Next.js 15 + Tailwind** frontend and **Express + PostgreSQL + Redis + WebSocket** backend, benchmarked to support **50–100 concurrent interviews** on a single server.

Galileo AI – Personalized Learning Companion | FastAPI, LangGraph, RAG, Next.js

- Built a prototype adaptive learning platform that generates **personalized curricula, lessons, and quizzes**, tested on a handful of subjects and capable of creating structured learning paths in **about 1 minute**.
- Implemented **LangGraph**-based adaptive flows and **RAG + vector DB** for fact-grounded content, with a FastAPI/Next.js system benchmarked to support **50+ concurrent learners**.

WORK EXPERIENCE

Software Engineer

Quicktouch Technologies Ltd, Delhi, India

Mar 2023 – Jul 2025

- Contributed to the development of **QuickCampus**, a cloud-based School ERP used by 3,500+ schools and 100k+ daily users, building key modules such as dashboards, user management, payroll, admissions, and reporting.
- Led frontend development of the **HRMS portal**, designing responsive and intuitive UIs that streamlined employee management and HR operations.
- Led the development of a school e-commerce platform using Next.js, enabling schools to sell uniforms, books, and other resources through a seamless online portal.

Founder

Chemophilic Academy, Delhi, India

Jul 2017 – Mar 2023

- Founded and scaled an **online education platform** for MSc Entrance, CSIR NET, and GATE exams, achieving 10,000+ downloads, 10,000+ registrations, and a 4.4/5 user rating.
- Directed development of mobile and web features, designed online tests and assessments, and enhanced UI/UX to boost engagement and evaluation effectiveness.
- Managed a **team of 10+ teachers**, overseeing curriculum design, course delivery, and alignment with competitive exam requirements.
- Leveraged user feedback and analytics to continuously improve platform features, driving higher engagement and retention.