

# MIRAVANISRI S

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## TECHNICAL SKILLS

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- **Frontend:** JavaScript, TypeScript, React.js, Redux, Next.js
- **Backend:** Node.js, Express.js, TypeScript, Prisma ORM, Cloudflare Workers, Hono
- **Database:** MySQL, MongoDB, PostgreSQL
- **DevOps:** Docker, AWS (EC2, S3, nginx), CI/CD
- **Monorepo:** Turborepo (npm Workspaces)
- **Competitive Programming:** Java, Data Structures, Algorithms, OOPS
- **GenAI & AI Infrastructure:** RAG, MCP, LangChain, LangGraph, LLM, ChromaDB, Fine-tuning, Hugging Face
- **Deep Learning:** CNN, RNN, ANN, GAN, VAE

## WORK EXPERIENCE

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### College of Contract Management | Software Developer

Jan 2025 – Jun 2025 | Tech Stack: Laravel, React.js, MySQL

- Delivered cross-functional features on time, improving application performance by **40%** via code optimization.
- Built a Recruitment Module to manage candidate data and stages, streamlining HR workflows.
- Designed and implemented an Excel-based solution to simplify and automate customer data handling in the CRM product.

## PROJECTS

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### Study-Notion — Full Stack Development | [Live Demo]

Tech Stack: React.js, Node.js, Express.js, Redux, MongoDB, Cloudinary, Tailwind CSS

- Built a full-stack ed-tech platform for creating, consuming, and rating educational content.
- Implemented REST APIs for authentication, course creation, and content management and Integrated Cloudinary for secure media storage and content delivery.

### GenAI Projects — MiniBot AI & JobFit AI | [Demo Video]

Tech Stack: Python, Streamlit, LangChain, LangGraph, Groq API, HuggingFace, ChromaDB, Tavily Search

- Created an **AI multi-chat assistant** with real-time web search, multi-session chats, and LangGraph orchestration.
- Developed an ATS-based resume analyzer and cold email generator using LLM embeddings.

### Venamo-Payment App — Full Stack Development | [Demo Video]

Tech Stack: Next.js, Express.js, TypeScript, Turborepo, PostgreSQL, Prisma ORM, Recoil, Tailwind CSS, Docker, CI/CD

- Implemented secure authentication with OAuth, credentials-based login, bcrypt hashing, and Google sign-in.
- Developed real-time P2P transfers with logging, fund locking, and automated CI/CD deployment. Reduced deployment time by **80%** with a Docker + GitHub Actions pipeline.

## CERTIFICATIONS AND ACHIEVEMENTS

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- **Smart India Hackathon Finalist (2022):** Developed a real-time human face rendering solution using CNN and H-NerRF. ([View Certificate](#))
- **Full Stack Development (0-100) - 100xDevs** ([View Certificate](#))
- **Completed GenAI Course-Educosys** ([View Certificate](#))
- **Fundamental Algorithms: Design and Analysis - NPTEL, IIT Kharagpur** ([View Certificate](#))

## EDUCATION

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Adhiyamaan College of Engineering | Hosur, Tamil Nadu

Oct 2020 - May 2024

Bachelor of Computer Science and Engineering | CGPA: 8.5