MIRAVANISRI S

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TECHNICAL SKILLS

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

WORK EXPERIENCE

College of Contract Management | Software Developer   Jan 2025 – Jun 2025

- **Enhanced application performance by 40%** by delivering cross-functional features on time and refactoring legacy code **using Laravel and React.js.**
- Developed a **Recruitment Module with Laravel backend and React.js frontend** to manage candidate data and hiring stages, reducing manual HR effort and improving workflow efficiency.
- Built an **Excel-based solution integrated with MySQL** to automate customer data handling in the CRM system, reducing manual effort and improving accuracy.

PROJECT

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

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 and course management, integrating Cloudinary for secure media storage.

MiniBot AI | [Demo Video] | [GitHub]

Tech Stack: Python, Streamlit, LangGraph, LLMs, Tavily Search

- Created an **AI multi-chat assistant** with real-time web search, multi-session support, and LangGraph orchestration.

JobFit AI | [Demo Video] | [GitHub]

Tech Stack: Python, LangChain, LLMs, HuggingFace Embeddings, ChromaDB, Streamlit

- Developed an **ATS-based resume analyzer and cold-email generator** using LLM embeddings.

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

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.
- Built **real-time P2P transfers** with transaction logging, fund locking, and automated CI/CD, reducing deployment time by **80%** through a Docker + GitHub Actions pipeline.

CERTIFICATIONS AND ACHIEVEMENTS

- **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)*
- **Design and Analysis of Algorithms — NPTEL, IIT Kharagpur** *(View Certificate)*

EDUCATION

Adhiyamaan College of Engineering | Hosur, Tamil Nadu   Oct 2020 - May 2024

Bachelor of Computer Science and Engineering | CGPA: 8.5