AMIRUDHEEN SHAREIF

FULL STACK DEVELOPER

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CAREER SUMMARY

Highly organized and hard-working individual looking for a responsible position to gain practical experience. Always willing to innovate the new things which can improve the existing technology.

PROJECTS

CARE-SPHERE (AI-Powered Medical Forum)

- Built secure patient and doctor portals with **JWT-auth middleware**, enforcing role-based access and protected routes.
- Integrated **Mistral-7B model** via **OpenRouter** analyse patient queries, determine severity and specialization, and store classified results in MongoDB.
- Designed a doctor's inbox that automatically sorts queries by severity, with **emergency cases prioritized** for quicker response.
- Added **AI-assisted reply generation** using LLM responses, allowing doctors to review and edit suggestions before sending, reducing reply time while ensuring reliability.

LEXIS (RAG-based Legal Research Tool)

- Built a React-Express web app enabling lawyers to upload legal documents and query them, reducing manual review time by retrieving answers via a **RAG pipeline**.
- Processed uploaded PDFs by parsing text, splitting with **Langchain** package and generating embeddings via **Cohere AI**.
- Stored document embeddings in **Qdrant VectorDB** and performed similarity search to retrieve the most relevant chunks.
- Applied **prompt engineering** to tailor LLM responses for law specific queries, ensuring precise and reliable answers.

JOBVERSE (Job Portal App)

- Developed a full stack job portal with **React** frontend and **Supabase** backend, implementing user authentication with **Clerk**.
- Designed a **responsive** and intuitive UI using ShadCN components and **Tailwind CSS**, ensuring seamless cross-device experience.
- Improved **Page Speed Insights** Performance Score from 82 to 93 by using best practices like **code splitting** and **lazy loading**.

SKILLS

Frontend	React, JavaScript (ES6+), Zustand, Tailwind CSS, HTML, CSS.
Backend & Database	Node.js, Express.js, MongoDB, Mongoose, JWT, Qdrant (VectorDB).
Tools & Deployment	Git & Github, Vercel, Render, Docker (Basics).
Additional Skills	Java (Core), OpenRouter, Prompt Engineering.

CERTIFICATIONS

Udemy	Docker - DevOps

EDUCATION

Government College of Engineering – Salem.	**2022-2026**
BE in Civil Engineering	*CGPA – 7.50**