Devfolio

karanvaswani

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Previewing LawSaarthi

This is how your project will appear in public

LawSaarthi

Your Right, Your Language, Your Power

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The problem LawSaarthi solves

LawSaarthi is designed to make legal knowledge accessible, understandable, and actionable for everyone. Users can leverage it for:

✅ Removes Complexity – Translates complex legal jargon into simple, easy-to-understand responses.

✅ Saves Time & Effort – No need to manually search through legal databases—instant AI-powered answers save hours of effort. Saves research time for both lawyers and clients.

✅ Eliminates Misinformation – Fact-checked responses from RAG-LLM ensure users receive authentic legal insights.

✅ Bridges Language Gaps (20+ Languages integrated) – Legal information is often English-dominated, but LawSaarthi provides responses in regional languages.

✅ Increases Accessibility – People from remote areas or low legal literacy backgrounds can now access legal help without lawyers.

✅ Safer Decision-Making – Before taking legal action, users can cross-check laws and ensure they're on the right track.

Challenges we ran into

Since legal terminology is highly specific, translating queries from regional languages to English often led to misinterpretations. Some legal terms have no direct translation, making responses inaccurate.

Our LLM sometimes misclassified legal queries, causing irrelevant responses. Queries with overlapping legal contexts (e.g., "employee termination" → could belong to both contract law & labor law) created confusion.

Our RAG pipeline was sometimes too slow, especially when fetching legal case precedents from large datasets. Long retrieval times led to delays in response generation.

Technologies we used

Node.js Next.js Python React.js NLP LLM

GenAI RAG Groq NLG

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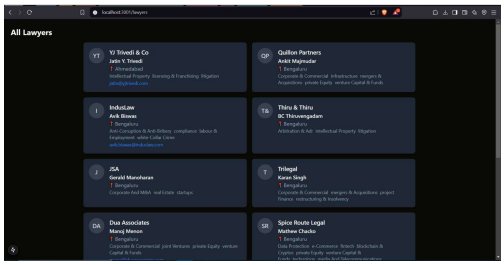
Code Kshetra 2.0

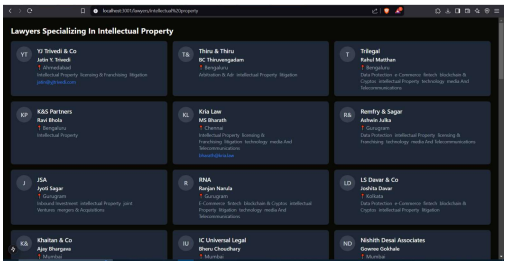
https://github.com/DIGVI962/Torvalds-Emitter

https://torvalds-emitter.onrender.com

https://torvalds-emitter.vercel.app/

https://torvalds-emitter-tzqt.onrender.com





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