

KARTIK GOYAL

AI-Driven MERN Developer

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SUMMARY

Final-year B.Tech Computer Science student with a solid foundation in software development and hands-on experience in building MERN stack projects, including an e-commerce platform and a blood bank management system. Passionate about problem-solving and currently expanding my skills in AI-driven applications using LangChain. Committed to continuous learning and building impactful, real-world solutions.

EXPERIENCE

MERN Stack Developer Intern

Gamavis Softech LLP Feb 2024 - Aug 2024

Company focused on software development and technology solutions.

- Developed a web application enabling users to dynamically add and customize form inputs, supporting more than **30 unique input types**.
- Implemented functionality for users to add an unlimited number of inputs, with up to **80% customizable options** such as labels, placeholder text, and styles.
- Achieved **40% user engagement** or adoption rate within 1 month by offering extensive customization options for form creation.

EDUCATION

B.Tech, Computer Science - 8.77 (till 7th Semester)

Dr. Akhilesh Das Gupta Institute of Professional Studies

Dec 2021 - Jun 2025 New Delhi, India

CERTIFICATIONS

C++ Master Course - Launchpad - Coding Blocks

Dec 2021 - Jun 2022

Complete Generative AI Course with LangChain & HuggingFace

Dec 2024 - Apr 2025

TECHNICAL SKILLS

Python	Proficient	●●●●●	C++	Proficient	●●●●●
CSS	Proficient	●●●●●	HTML	Advanced	●●●●●
Node.js	Advanced	●●●●●	Javascript	Advanced	●●●●●
React.js	Advanced	●●●●●	Express.js	Proficient	●●●●●
LangChain	Beginner	●●●●●	Next.js	Novice	●●●●●

COURSE WORK

Data Structures & Algorithms	Web Development
Software Engineering	Object Oriented Programming
Computer Networks	Database Management System
Machine Learning	Artificial Intelligence

PROJECTS

Goyals: Simplifying Online Shopping

Jul 2024 - Oct 2024
https://goyals.vercel.app/

Online Ecommerce Application built with MERN stack.

- E-commerce site with 50+ products, featuring user authentication, a dynamic cart, wishlist, order management, and product filtering, improving browsing **speed by 20%**.
- Built an admin panel to manage 200+ products, 10+ blogs, and 5+ categories, with real-time analytics for orders and revenue, reducing manual effort by 30%.
- Integrated **Razorpay** for payments, achieving a 95% success rate, and implemented SEO, boosting organic traffic by 40%.
- Used **Redux** for state management, enhancing performance and improving user experience by 25% with faster navigation and optimized loading.

Doc Whisper : Document RAG Chat App.

Dec 2024 - Mar 2025
https://github.com/kartikgoyal89/Doc-Whisper-Demo

AI Doc Chat App with MERN & LangChain for smart Q&A and context retrieval.

- MERN + LangChain app with **3-server architecture** (frontend, backend, Python), enabling users to upload, chat with, and manage **up to 5 documents**.
- Implemented document parsing (including images and tables), **embedding generation**, and **cosine similarity** search to deliver **context-aware answers** with **90% accuracy**.
- Added features like **multi-document chat**, **saved conversations**, user authentication, and **conversation memory**, enhancing user experience and retention.

EXTRA CURRICULAR

- Awaaz (Member)**
Contributed to college event management society as a part of management team. Organized many Cultural fests in College.
- GFG ADGITM Chapter (Member)**
Engaged as a vital member of GeeksforGeeks society's tech team in college, contributing technical expertise.