

# Kundan Krishna

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portfolio

☎ 9289597569

## Education

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Jaypee University of Information Technology, Wagnaghat  
Bachelor of Technology in Computer Science and Engineering  
Batch: 2024  
GPA: 7.92

Solan, HP

## Relevant Coursework

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Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Computer Networks.

## Technical Skills

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- **Languages:** C++, JavaScript, Python.
- **Frontend:** Next.js, HTML5, CSS3, Tailwind CSS.
- **Backend:** Node.js, Express.js, REST APIs.
- **Databases:** MongoDB, MySQL, Redis.
- **AI/ML:** LangChain, FAISS, HuggingFace Embeddings, Ollama (LLMs).
- **Tools & Systems:** Linux, Docker, Git, GitHub, Postman.

## Projects

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### HiddenTalk | Next.js, TypeScript, Redis, WebSocket's

([Website](#) )

- Developed a scalable real-time anonymous chat application enabling secure multi-user communication.
- Implemented real-time messaging using **Redis and WebSockets** built backend services with **Elysia.js** and optimized APIs for concurrent users.
- Improved system scalability and reduced message latency, enabling smooth real-time interactions across multiple users.

### PDF RAG | Python, LangChain, FAISS, HuggingFace Embeddings, Ollama (Web in progress)

- Built a Retrieval-Augmented Generation (RAG) system for intelligent querying over PDF documents.
- Implemented **document chunking, semantic search with FAISS**, and integrated **Ollama via LangChain** for context-aware responses.
- Improved answer relevance and reduced hallucinations, enhancing overall document understanding.

## Soft Skills

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- **Adaptability:** Quickly learned and applied new technologies such as Redis, LangChain, and vector databases while building end-to-end projects.
- **Teamwork:** Present ideas with clarity and precision, facilitating seamless collaboration and decision-making.

## Activities

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**Smart India Hackathon (SIH):** Led teams in SIH 2024 & 2025, qualifying for internal rounds by managing task allocation and development efforts.