

# Kunjan Soni

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[LeetCode](#) | [HackerRank](#)

## PROFESSIONAL SUMMARY

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Applied AI Engineer with hands-on experience building intelligent systems using deep learning and generative AI. Proven ability to design datasets, optimize neural networks, and develop end-to-end AI applications with production awareness. Strong engineering foundation with expertise in backend systems, REST APIs, and scalable architecture.

## TECHNICAL SKILLS

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Languages	Python, Java, TypeScript, SQL
AI / ML	Deep Learning, NLP, RNN, LSTM, Transformers, LangChain, RAG, Prompt Engineering
Frameworks	Django, FastAPI, Spring Boot
GenAI Tools	Embeddings, Vector Search, Semantic Retrieval, Memory Systems
Databases	MongoDB, MySQL, PostgreSQL
Tools	Docker, Git, GitHub, Postman, Jupyter
Core Strengths	DSA, REST API Design, System Thinking, Model Optimization

## SELECTED PROJECTS

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### Multimodal Sentiment Intelligence Platform

[Live Demo](#) — [GitHub](#)

*Python, Django, TensorFlow, LSTM, Gemini API*

- Built an end-to-end AI platform for real-time sentiment analysis across text, CSV data, images, and webcam streams.
- Created and balanced a custom dataset by aggregating multiple sources, improving generalization and reducing bias.
- Designed and optimized an RNN-LSTM architecture with dropout regularization, achieving **85%+ accuracy**.
- Integrated generative AI to produce contextual sentiment explanations alongside predictions.
- Explored deployment and memory constraints of ML systems in production-like cloud environments.

### GenAI YouTube Assistant (RAG-based)

[Backend](#) — [Frontend](#)

*LangChain, FastAPI, Gemini API, Vector Search*

- Developed a GenAI-powered assistant for semantic search, transcript-based Q&A, and automated YouTube video summarization.
- Implemented embeddings, chunking, vector retrieval, and conversational memory for context-aware responses.
- Integrated a FastAPI backend with a Chrome extension frontend for real-time, in-browser interaction.

### Secure Blogging Platform

[GitHub](#)

*Spring Boot, JWT, REST APIs*

- Built a production-grade backend with authentication, role-based authorization, and full CRUD functionality.
- Designed RESTful APIs secured using JWT and implemented a scalable database-driven architecture.

### Advanced Sorting Visualizer

[Live Demo](#) — [GitHub](#)

*JavaScript, HTML, CSS, Algorithms*

- Developed an interactive web-based visualizer to demonstrate the working of common sorting algorithms.
- Implemented Bubble Sort, Selection Sort, Insertion Sort, Merge Sort, and Quick Sort with step-by-step animations.
- Improved algorithmic intuition by visualizing comparisons, swaps, and time complexity in real time.

## PROFESSIONAL EXPERIENCE

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### Software Development Intern — Techori IT Division (Remote)

*Aug 2025 – Sep 2025*

- Engineered backend services and optimized MongoDB queries, improving API response time by **35%**.
- Designed scalable REST APIs and contributed to database architecture for a production-grade application.
- Promoted to **Project Manager**, leading a development team and coordinating Agile workflows.

### Data Science Intern — Saanvi Innovations

*Jun 2024 – Aug 2024*

- Built ML pipelines for NLP and classification tasks using feature engineering and cross-validation.
- Improved model interpretability using SHAP and LIME.

## EDUCATION

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Master of Computer Applications (MCA) — ITM University, Gwalior  
CGPA: 8.86 / 10    Gold Medalist (Rank 1)

*2023 – 2025*

## ACHIEVEMENTS

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- Solved **200+** DSA problems on [LeetCode](#) and [HackerRank](#).
- Earned **Gold-Level Coder** recognition on HackerRank.