

NAVEEN KUMAR YADAV

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Education

Sir MVIT, Bengaluru

Dec. 2022 – Jun. 2026

Bachelor of Engineering in Computer Science and Engineering (IoT and Cybersecurity with Blockchain Technology)

CGPA: 8.5

Projects

Enterprise RAG & Agentic Search Platform 🐙 (GitHub) | Python, FastAPI, LLMs

- Built an enterprise **RAG + Agentic** search system with **2 query** modes enabling fast retrieval and multi-step reasoning.
- Designed an **agentic pipeline** supporting **4+ intents** with automated planning and tool orchestration.
- Implemented an in-memory **vector store** using **cosine similarity**, delivering low-latency retrieval with source attribution and **85%+** confidence scoring.

Autonomous AI Revenue Intelligence & Deal Execution Platform 🐙 (GitHub) | Python, Streamlit, AI

- Built an AI-powered revenue intelligence dashboard analyzing **CRM** data from user-uploaded **CSVs** with **10+** sales fields.
- Implemented deal risk scoring and **5+ pipeline KPIs** to drive data-driven sales decisions and prioritize high-risk deals.
- Designed an AI-driven action layer generating sales strategies, email drafts, and pricing guidance, with graceful degradation for **LLM** outages.

Autonomous AI Business Operations Manager 🐙 (GitHub) | FastAPI, React, AI Agents

- Architected a **multi-agent** AI system with **4 specialized agents**, enabling modular and explainable AI workflows.
- Built a full-stack AI platform using **FastAPI** and **React**, delivering real-time dashboards and **5+** reports.
- Integrated **LLM**-based decision-making into automated workflows with cloud-ready, environment-based deployment.

Technical Skills

Languages: Python, C, C++.

Backend & Web: FastAPI, REST APIs, Streamlit, React (basics).

AI / ML: LLM-based Systems, Retrieval-Augmented Generation (RAG), Agentic AI, Machine Learning, Deep Learning (CNN).

Data & ML Libraries: NumPy, Pandas, scikit-learn, TensorFlow, Keras, OpenCV.

Databases: MongoDB (basics), Vector Databases (conceptual).

Developer Tools: Git, GitHub, VS Code, Jupyter Notebook, Google Colab.

Core Concepts: Data Structures & Algorithms, System Design (Basics), API Design, Model Evaluation.

Certifications

- Generative AI, LLM and RAG – Skill Up (GeeksforGeeks, 2026) [Verify].
- Agentic AI – Skill Up (GeeksforGeeks, 2026) [Verify].
- AI Tools – Skill Up (GeeksforGeeks, 2026) [Verify].
- Machine Learning Introduction for Everyone – IBM (Coursera, 2025) [Verify].
- Cybersecurity Awareness and Innovation – EIT Digital (Coursera, 2025) [Verify].
- Cybersecurity Analyst Job Simulation – TCS (Forage, 2025) [Verify].

Achievements

- Solved **200+** Data Structures and Algorithms problems across LeetCode and GeeksforGeeks, demonstrating strong problem-solving ability and algorithmic thinking.
- Secured a **Top 64** rank out of **2000+** teams in a 24-hour national-level hackathon organized by MNIT Jaipur, contributing to rapid prototyping and solution development under strict time constraints.
- Built and scaled a **YouTube channel** to **1.2K+** subscribers and **20K+** monthly views, showcasing consistency, audience growth, and strong communication skills.
- Applied video editing, poster design, and graphic design skills to enhance content creation and visual communication across digital platforms.
- Completed **NCC 'B'** Certificate and **CATC-III / Pre-IGC-III** training as an NCC Cadet at Brindavan College of Engineering, demonstrating leadership, discipline, teamwork, and time management.