Ujjwal Kumar

Enthusiastic and dedicated engineering student seeking an opportunity
to apply academic and project knowledge, gain practical experience, and contribute to new innovative projects.
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Education

JSS Academy of Technical Education, Bengaluru
Bachelors of Engineering in Computer Science (Dec 2022 – Jul 2026)
Patna Muslim High School +2

Projects

- **Inventory Management Model:** Economic Order Quantity (EOQ),Just-in-Time, ABC Analysis, Reorder Point (ROP), Safety Stock Models, Perpetual vs Periodic Systems.

- **Portfolio Website (using HTML, CSS, JS):** Designed and implemented a personal website showcasing professional projects and skills.

- **LLM Compiler and 5 Risks-(ongoing) :** LLM compiler is a concept that involves using Large Language Models (LLMs)—like GPT—to assist with or fully automate code generation, compilation, and optimization tasks. These LLMs can translate natural language or high-level instructions into code, optimize code snippets, or even generate complete applications. Think of it as using AI as a new kind of compiler that "understands" both human intent and programming.

Skills

- **Programming:** C, Python, Java
- **Front-End Development:** HTML, CSS
- **Back-End Development:** SQL, MongoDB
- **Core Skills:** Data Structures & Algorithm, Object-Oriented Programming, Machine Learning, Artificial Intelligence

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Certificates

- Data Structure & Algorithms in Java for Intermediate Level
- MongoDB
- Java Algorithms & Data Structures : Learn Optimal Code Design

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Hackathon & Workshops

- OutlierAI_GenAI innovators in Bangalore - HackerEarth (Dec 2024)
- GenAI and its Applications -JSSATEB (Nov 2024)
- GenAI using IBM Watsonx - Online (Feb 2025)

Languages

English, Hindi