

Himanshu Rathore

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Education

Atal Bihari Vajpayee Vishwavidyalaya

Bachelor of Computer Applications

Bilaspur, Chhattisgarh

Aug. 2020 – Feb 2024

Atal Bihari Vajpayee Vishwavidyalaya

Master of Computer Applications

Bilaspur, Chhattisgarh

Aug. 2024 – July 2026

Projects

Agentic AI System for Code Generation & Debugging | Python | LangChain | LLM | Streamlit

Nov 2025 – Present

- Designed and developed an AI-driven system to automatically generate, analyze, and debug code.
- Implemented multi-agent workflows using LangChain for task planning and execution.
- Integrated large language models (LLMs) to identify errors and regenerate optimized solutions.
- Built an interactive Streamlit-based interface for user interaction and result visualization.
- Applied prompt engineering and iterative refinement techniques to improve output quality.
- Followed modular and scalable software design practices.

E-Commerce Grocery Website | HTML | CSS | JavaScript | React.js | Node.js | PHP | MySQL

Nov 2022 – Feb 2023

- Developed a complete web application with authentication, product management, cart, and order processing.
- Built responsive user interfaces using modern frontend technologies.
- Designed backend services and integrated a relational database.

Technical Skills

Programming Languages: Python, JavaScript

Backend & Frameworks: Python, Django, Node.js, PHP

AI & Automation: Agentic AI Systems, LangChain, LLM Integration, Code Generation, Automated Debugging, Prompt Engineering, n8n

Data & Machine Learning: NumPy, Pandas, Matplotlib, Scikit-learn

Databases: MySQL

Tools & Platforms: Git, GitHub, Streamlit, Visual Studio Code

Other : Excellent verbal communication skills, Good problem solving skills.

Certifications

- Java Programming for Complete Beginners – Udemy
- Advance Excel with Data Visualization – E & ICT Academy, IIT Kanpur
- Programming in Python – Meta (Coursera)
- Introduction to Cloud Computing – IBM (Coursera)