

Ayush Kumar Mishra

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SUMMARY

A versatile Full-Stack Developer specializing in the MERN stack and Node.js. Proven experience building end-to-end applications, including a full-stack AI chatbot that streams real-time responses. Skilled in both modern frontend development and robust backend architecture.

SKILLS

Languages:	HTML,CSS,Javascript, C++, C
Frontend:	React.js,Tailwind CSS
Backend:	Node.js
APIs:	JSON, RESTful API
Databases:	MySQL, MongoDB
Version Control:	Git, GitHub

EDUCATION

Banaras Hindu University , Varanasi	July 2024 - July 2026
Master of Computer Application (MCA)	CGPA: 8.55 (1st Sem)
University of Lucknow , Lucknow	June 2021 - June 2024
B.Sc.(NEP) Computer Science	CGPA: 6.91

PROJECTS

Local AI Chatbot <i>Node.js,Next.js,PostgreSQL,Ollama,Tailwind CSS</i>	June 2025
• Developed a full-stack, ChatGPT-style web application featuring real-time, streaming conversations with a locally-run AI model (Ollama).	
• Engineered a Node.js backend to manage chat sessions, stream token-by-token responses, and implemented a PostgreSQL database for persistent chat history.	
• Designed a responsive Next.js UI with a chat history sidebar and a feature to interrupt AI message generation, ensuring a seamless user experience.	
Amazon Clone <i>HTML,CSS,Javascript</i>	Aug 2024
• Developed a pixel-perfect and responsive frontend clone of the Amazon user interface using pure HTML, CSS, and JavaScript.	
• Focused on writing clean, semantic markup and utilized vanilla JavaScript for all dynamic functionality and DOM manipulation, without external libraries or frameworks.	
• Implemented key UI components including the dynamic navigation bar, product grids, and interactive carousels to mirror the authentic Amazon shopping experience.	

CERTIFICATIONS AND SKILL BADGES

• Full Stack Web Development - Pregrad Certificate	Nov 2024
• Cloud Computing - NPTEL Certificate	Apr 2025
• Mastering Data Structures and Algorithms using C and C++ - Udemy Certificate	August 2025
• Conference on Advanced Network Technologies and Intelligent Computing Certificate	Jan 2025

ACHIEVEMENTS

- Secured **AIR-28** in the **LU UGPET** Entrance Exam 2021