

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
Master of Computer Application (MCA)

July 2024 - July 2026
CGPA: 8.55 (1st Sem)

University of Lucknow, Lucknow
B.Sc.(NEP) Computer Science

June 2021 - June 2024
CGPA: 6.91

PROJECTS

Local AI Chatbot | *Node.js, Next.js, PostgreSQL, Ollama, Tailwind CSS*

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 | *HTML, CSS, Javascript*

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