



Md Hamza Akhtar

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EDUCATION

- Bachelor of Technology in Computer Science Engineering
Jaypee Institute of Information Technology — CGPA: 8.3/10
- July 2024 - Present

TECHNICAL SKILLS

- Languages : C, C++, Python, JavaScript, TypeScript
- Frameworks/Environments : Express.js, TailwindCSS, React.js, Next.js, PyTorch, Scikit-learn, pandas
- Cloud/Databases : MongoDB, MySQL
- Version Control : Git, GitHub
- Relevant Coursework : Data Structures and Algorithms, Object-Oriented Programming, Web Development, Database Management Systems, Machine Learning, Artificial Intelligence, Statistics for Data Science
- Others : Figma, Canva, Postman

PERSONAL PROJECTS

Blogora

- Developed and deployed a fully functional blog platform using React.js for the frontend and appwrite for backend services (authentication and database).
- Integrated markdown support for post content and added routing with React Router.

Personal Portfolio Website

- Designed and built a responsive personal portfolio website using Next.JS, Tailwind CSS
- Continuously updated with new projects

Gmail spam filter

- Developed a machine learning-powered backend using Flask and Gmail API to classify and automatically move spam emails based on real user data.

Auth-System

- Built a full-stack authentication system using the MERN stack with JWT-based login, registration, and protected routes.

C++ Game Hub

- Created a C++ terminal-based game hub featuring multiple mini-games including Tic-Tac-Toe, Guess the Number, Snake.
- Applied object-oriented programming to structure individual games with modular design for scalability.

INTERESTS

- Competitive programming (Solved over 200 DSA questions on [LeetCode](#) and actively participate in Competitive programming)
- Backend systems and scalable web services
- Machine Learning and Artificial Intelligence
- SaaS product building