

Amber Hasan

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[Email](#) | [LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Portfolio](#)

CAREER SUMMARY

Software Engineering undergraduate with strong **problem-solving skills**, solid **computer science fundamentals**, and hands-on experience building **scalable full-stack systems**. Proficient in **Data Structures & Algorithms**, **Object-Oriented Programming**, and modern web technologies. Seeking an opportunity to contribute to reliable, production-grade systems.

EDUCATION

B.Tech in Computer Science and Engineering	2023 – 2027
Pranveer Singh Institute of Technology, Kanpur	CGPA: 8.96
Senior Secondary Education	2020 – 2022
Hudson Memorial Girls Inter College	Class 12: 80% , Class 10: 84.6%

TECHNICAL SKILLS

Programming Languages	C++, C, JavaScript (ES6+), TypeScript, Python, Java
Core CS	Data Structures & Algorithms, Problem Solving, OOP, DBMS, OS, Low-Level Design, Debugging
Frontend	React.js, Next.js, HTML5, CSS3, Tailwind CSS
Backend	Node.js, Express.js, REST APIs, Authentication & Authorization
Databases	MongoDB, MySQL
Tools & Platforms	Git, GitHub, Docker (Basics), Postman

PROJECTS

InterviewX	GitHub Dec 2025
<ul style="list-style-type: none">Designed and engineered an AI-powered interview simulation platform using Next.js, TypeScript, MongoDB, and VAPI for real-time voice-based interviews.Integrated secure NextAuth authentication with MongoDB Adapter to ensure reliable session persistence.Architected event-driven interview workflows by handling call lifecycle events, speech recognition, and AI-generated responses.Optimized a responsive and accessible UI using React and Tailwind CSS to enhance user experience.	

Blogify	GitHub Aug 2025
<ul style="list-style-type: none">Developed a full-stack blogging platform using the MERN stack, supporting role-based access control.Implemented authorization, secure media uploads via Cloudinary, and schema validation using Zod.Engineered scalable REST APIs with modular architecture, centralized error handling, and clean coding practices.Built a predictable frontend using Redux Toolkit for efficient state management.	

Bubble Brain	GitHub May 2025
<ul style="list-style-type: none">Created a TypeScript-based second-brain application using React for structured knowledge management.Implemented JWT authentication, protected routes, and optimized data flow for performance.Designed a scalable project structure with strong TypeScript typing to improve maintainability.Integrated external content embedding including YouTube and X.com.	

COMPETITIVE PROGRAMMING & ACHIEVEMENTS

- Solved **1000+ LeetCode problems** (600+ Medium, 100+ Hard); Rating: **1827**, demonstrating strong algorithmic thinking and problem-solving skills.
- Participated in ISRO Hackathon, Adobe India Hackathon, and TVS E.P.I.C 7.0.
- Winner of Hindustan Yuva Sansad Debate (2023–24).

CERTIFICATIONS

Node.js & Express.js	Simplilearn 2025
Python for Data Science	Infosys Springboard 2024
HTML, CSS, JavaScript	Infosys Springboard 2024
C Programming, C++ Programming	Infosys Springboard 2024
Introduction to Figma	Simplilearn 2025

LEADERSHIP & COMMUNICATION

- Served as School Captain for two consecutive years, leading student teams and initiatives.
- Strong communication skills demonstrated through debates, presentations, and technical discussions.
- Experienced in collaborative, multi-member engineering teams.