

Amber Hasan

Kanpur, Uttar Pradesh, India

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

CAREER SUMMARY

Software Engineering undergraduate with strong command of data structures and algorithms and hands-on experience building scalable, event-driven, type-safe full-stack applications. Skilled in designing clean RESTful APIs, writing maintainable code, and optimizing solutions through time-space complexity analysis. Seeking an opportunity to apply these skills to build reliable software and contribute meaningfully to real-world engineering projects.

EDUCATION

B.Tech in Computer Science and Engineering

Pranveer Singh Institute of Technology, Kanpur

2023 – 2027

CGPA: 8.96

Senior Secondary Education

Hudson Memorial Girls Inter College

2020 – 2022

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, Object-Oriented Design, DBMS, OS, Low-Level Design, Debugging & Optimization

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js, REST APIs, Authentication & Authorization

Databases: MongoDB, MySQL, PostgreSQL

Tools & Platforms: Git, GitHub, Docker (Basics), Postman, Vercel

PROJECTS

InterviewX

[Live](#) | [GitHub](#) | Dec 2025

- Built a full-stack AI-driven career platform enabling real-time voice interview simulation, intelligent chatbot assistance, resume generation, and technical assessments using **Next.js**, **TypeScript**, and **VAPI**.
- Architected a dual-database system integrating **MongoDB** for authentication and **PostgreSQL** with **Prisma ORM** for scalable relational data management.
- Implemented secure **JWT authentication** with **NextAuth** (Credentials, Google, GitHub OAuth) and encrypted password verification using **bcrypt**.
- Deployed on **Vercel** leveraging **Next.js App Router**, schema validation, and type-safe APIs to ensure performance and reliability.

Blogify

[GitHub](#) | Aug 2025

- Full-stack blogging platform built with the **MERN stack**, supporting secure content management and role-based access control.
- Modular REST APIs with centralized error handling and schema validation using **Zod**.
- Predictable client-server data flow and scalable frontend state management using **Redux Toolkit**.

Bubble Brain

[GitHub](#) | May 2025

- TypeScript-first knowledge management application developed with reusable **React** components and maintainable architecture.
- JWT-based authorization with protected routes securing APIs and user data.
- External content embedding with validation and edge-case handling for long-term scalability.

COMPETITIVE PROGRAMMING & ACHIEVEMENTS

- Solved **1100+ algorithmic problems** on LeetCode across arrays, strings, trees, graphs, and dynamic programming.
- Achieved **Knight** rank on LeetCode with a peak rating of **1863**.
- Participated in ISRO Hackathon, Adobe India Hackathon, and TVS E.P.I.C 7.0.
- Winner of Hindustan Yuva Sansad Debate (2023-2024).

CERTIFICATIONS

Developing Backend Apps with Node.js and Express

IBM | 2026

Object-Oriented Programming (OOP)

Take U Forward (TUF) | 2026

Python for Data Science

Infosys Springboard | 2024

HTML, CSS, JavaScript

Infosys Springboard | 2024