AMAN THAKUR

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CAREER OBJECTIVE

"Motivated and detail-oriented software engineer with a strong foundation in programming, algorithms, and software development. Seeking an opportunity to apply my skills to develop innovative solutions and grow as a developer in a dynamic team environment."

ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks
May 2025 - Present	B.TECH in Computer Science	Graphic Era Hill University Dehradun	8.26/10
2022	XII, *C.B.S. E*	Nosegay Public School	80.00 %
2020	X, *C.B.S. E*	Nosegay Public School	88.67 %

PROJECT

- **Messaging Application (**Jan 2024 - Feb 2024): Developed a real-time messaging application that enables users to send and receive messages instantly. Implemented a client-server architecture using Java Sockets/WebSocket's and ensured secure communication with encryption. Integrated database storage for message persistence and designed an intuitive user interface using JavaFX/Swing.

- **User Authentication System (Node.js & Express.js)**: Built a secure authentication system for web applications using Node.js and Express. Implemented user registration, login, and authentication using JWT-based token authentication. Designed a RESTful API for handling user authentication and secured endpoints with middleware.

- **Vidtube – Backend API for Video Sharing Platform (March 2025 - April 2025):** Built a scalable backend service that powers a video-sharing platform with features like user authentication, video upload/streaming, likes, comments, and subscriptions. Designed RESTful APIs, integrated database management, and implemented secure authentication for reliable performance.

TECHNICAL SKILLS

- **Languages** Java (proficient), C (proficient), C++ (proficient), HTML, NOSQL, JavaScript.

- **Tools and Frameworks** Nodejs, Express js, Bootstrap, React js.

- **Python libraries** NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn.

- **Database** RDMS, SQL, MongoDB.

SCHOLASTIC ACHIEVEMENTS

- Certified in Web-Development from Udemy in the year 2025.

- Certified in Programming in Ethical hacking from Swayam in the year 2024.

HOBBIES AND INTEREST

- Competitive coding on platforms like Code forces and Leetcode.
- Exploring new web development frameworks.