

Aman Kumar

Panchkula | amankumar.987635@gmail | 7340938568 | linkedin.com/in/a-m-a-n/
github.com/Amankumar7340

Career Objective

Aspiring and detail-oriented Computer Science graduate seeking an entry-level role in software development. Eager to apply my knowledge of programming, problem-solving, and system design while learning new technologies and contributing to innovative, real-world solutions.

Education

Chandigarh University , Bachelor of Technology (CSE)	2021 – 2025
• CGPA: 7.81	
DAV Public School , Intermediate (CBSE)	2019 – 2021
• Percentage: 82.2%	
DAV Public School , Matriculation (CBSE)	2017 – 2019
• Percentage: 79.6%	

Projects

Real-Time Chat Application

- Developed a real-time chat application using **React**, **Node.js**, and **Socket.io**.
- Implemented **Firebase-based authentication** for secure user access.
- Added features like **image sharing** and **typing indicators**, improving user engagement by 20%.

Algorithm Visualizer

- Designed a dynamic web app in **React** for visualizing algorithms, increasing engagement by 30%.
- Implemented visualizations for core algorithms (e.g., sorting, searching, pathfinding) to enhance learning.
- Optimized performance using **React hooks** and memoization, reducing load time by 25%.

News Aggregator Android App

- Created a feature-rich news aggregator app using Android Studio.
- Integrated NEWS APIs for real-time news updates.
- Implemented user-friendly features such as category filters and personalized news feeds.

Technical Skills

Programming Languages: C/C++ , Python, Java, JavaScript, SQL

Web Development: ReactJs, NodeJs, ExpressJs, HTML, CSS, MongoDB, MySQL

Developer Tools: Postman, VS Code, Git, GitHub, AWS, Docker

Core Concepts: DSA, Computer Networks, Operating Systems, DBMS, OOPS, System Design

Achievements and Certifications

- Solved **600+ DSA** problems on various competitive programming platforms.
- **Certificate:** Presented the paper "**Leveraging CNNs for Accurate Weather Prediction: A Comparative Analysis of Custom and Transfer Learning Models**" at the (ICICC-2025).
- **Certificate:** Developing AI Application with Python and Flask by **IBM**.
- **Certificate:** Certified in **Introduction to Internet of Things**, recognized among the **Top 1%** toppers (NPTEL).

Languages

Languages: English, Hindi