

Yash Kumar

yashkumar82002@gmail.com / +91 7479422649

LinkedIn / GitHub

Summary

Enthusiastic Computer Science student and aspiring Frontend Developer with a strong interest in using code to tackle real-world challenges. Experienced in developing scalable web apps and AI-powered solutions, with projects in areas like music technology, healthcare, and chat platforms.

Experience

Attentive.ai, Web developer intern – Remote, Nov 2024 – Feb 2025

- Built a low-cost notification system as part of the central engineering team.
- Made email attachments more efficient, boosting user engagement and cutting email costs by 25%.
- Created a detailed permission system to improve security, reducing unauthorized access by 30%.
- Used Redis in microservices for caching and task management, making APIs faster by about 2.5 seconds and improving scalability.

Education

Chandigarh University, Gharuan

Aug 2021 – May 2025

BE in Computer Science

Projects

BeatFlow – A Music App

- **Tools Used:** React.js, Next.js, MongoDB
- Allows users to stream, manage, and interact with music tracks through a responsive and dynamic interface.
- Recommend songs based on user mood or listening patterns using ML integrated through backend APIs.
- Multiple users can control or edit a shared playlist in real-time using WebSockets(Socket.io).

Alzheimer's Disease Detection System

- **Tools Used:** Python, NLP
- Processed MRI scans and analyzed cognitive test scores and clinical records to extract actionable insights.
- Evaluated model performance using metrics and improved results through hyperparameter tuning.
- Deployed AI-powered diagnostic tools and enabled scalable training and deployment on cloud platforms.

BlinkChat – A Chatting App

- **Tools Used:** React.js, Node.js, Express.js
- Implements Socket.io for instant one-on-one and group messaging, along with features like typing indicators, read receipts, and online/offline status.
- Allows users to send images, videos, and files, and integrates push notifications using Firebase or Web Push API for real-time message alerts.

Technologies

Languages: C/C++, Java, Javascript

Technologies: HTML, CSS, React.js

Soft skills: Problem-solving , Communication , Collaboration , Teamwork

Achievements

- Solved over 500 coding questions on various platforms like leetcode, GeekforGeeks, and Coding Ninja.
- Participated in Zinnovatio and worked on real-time problem statements, like AIML based models for converting sign-language to text and vice versa for dumb and deaf disabled people.
- Summer internship offered by Metacrafters(remote), which was stipend based.