Ayush Kumar

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Technologies

- **Languages:** C, C++, HTML, CSS, JavaScript, SQL
- **Libraries:** Tailwind, Bootstrap
- **Tools:** Git, Docker, Postman, Jenkins
- **Frameworks:** ReactJS, NodeJS, NextJS
- **Databases:** MongoDB, MySQL, postGres

Projects

Gossip - Real-time Chat Application, ReactJS, TypeScript, WebSockets, MongoDB   Feb - Mar 2025
- Developed a secure chat platform supporting **real-time encrypted messaging**.
- Implemented **user authentication**, real-time messaging via **WebSocket**, and message encryption using **crypto-js**.
- Used **Bcrypt** for password hashing and **localStorage** for session persistence.
- Followed **MVC architecture** to ensure scalability and maintainability.
- github.com/GOSSIP ☑   gossip.vercel.app ☑

KeySensei - Touch Typing Website, JavaScript, CSS, Express   Sept - Nov 2024
- Built a touch-typing website to improve **speed** and **Precision** for students and professionals.
- Worked with **Node.js**, **Express**, **MongoDB**, and session management for progress tracking.
- Integrated **real-time feedback** and accuracy measurement with an **intuitive user interface**.
- Added feature of **leaderboard with rankings** to encourage competition and motivation.
- github.com/KeySensei ☑   KeySensei-render.com ☑

Weather Forecast Web App, React, CSS, JavaScript, OpenWeather API   June 2024
- A React-based app fetching live data from **OpenWeather API**.
- Supports **location-based search** and detailed forecasts.
- Designed with **modular components** and responsive **CSS styling**.
- github.com/WeatherApp ☑   ayush.github.io/WeatherApp/ ☑

Education

Bachelor of Technology in **Computer Science Engineering**   2022 – 2026

Lovely Professional University, Jalandhar Punjab
- CGPA: **8.4**
- Engineering Minor: **Full Stack Web Development**
- Open Minor: **DevOps**
- Coursework: Data Structures and Algorithms (**DSA**), Database Management (**DBMS**), Networking, Operating Systems (**OS**)

Achievements

- Ranked among the **Dean's top 10%** students at the university.   2022 – Present
- Leetcode: **100**+ Questions solved | leetcode.com/techLite ☑   2024 – Present