

# Sanuj Tiwari

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## SKILLS SUMMARY

- Languages:** Java, C++, PHP, JavaScript, HTML, CSS
- Frameworks:** React, STL, Next.js, Express.js, Spring Boot
- Tools/Platforms:** MySQL, AWS, Docker, Selenium, Jira, Git, GitHub, FastAPI
- Fundamentals:** Data Structure and Algorithm, OOPS, DBMS, Operating System, Computer Networks
- Soft Skills:** Leadership, Problem-Solving, Communication, Project Management, Adaptability

## PROJECTS

### Smart Study Scheduler | [GITHUB](#)

Since Sep 2025

- Building a smart web application aimed at creating personalized study schedules based on user goals, subject difficulty, and available time.
- Gaining experience by developing FastAPI services with PostgreSQL and integrating a TensorFlow/PyTorch model to analyze user study patterns.
- Implementing the model to deliver effective schedule recommendations that help users plan and improve their study routine.

### Voice Controlled Cooking Assistant | [GITHUB](#)

Mar 2025 - May 2025

- Created a hands-free recipe application that guides users through cooking steps using real-time voice commands and speech recognition.
- Integrated the Web Speech API and OpenAI Whisper API to capture accurate voice input, transcribe it, and deliver step-by-step cooking assistance.
- Learned state management with Redux/MobX and backend integration using Express and Firebase Firestore to handle user data and app functionality effectively.

### Local Carving – Food & Restaurant Website | [GITHUB](#)

Oct 2024 - Dec 2024

- Designed and developed a dynamic restaurant discovery platform using PHP and SQL, focusing on seamless user experience and data management.
- Explored chatbot integration to automate customer interactions and improve response efficiency.
- Enhanced understanding of database connectivity, responsive layouts, and real-world deployment in full stack web development.

## TRAINING

### Mastering Java for Application Development -LPU | [Certificate](#)

Jun 2025 - Jul 2025

- Completed structured training that covered core Java fundamentals, object-oriented concepts, exception handling, file handling, collections, and multithreading.
- Applied the learned concepts to build and debug Java applications, focusing on clean coding and logic development, and real project implementation.

## CERTIFICATION

- Cloud Computing | [NPTEL](#)

Apr 2025

## ACHIEVEMENTS

- Solved more than 100 DSA problems on platforms like LeetCode and GeeksforGeeks, which helped improve my problem-solving and logical thinking skills | LPU
- Earned 5-star ratings in Java and Python on HackerRank, showing consistent practice and strong command of both languages | LPU

Aug 2025

Oct 2024

## EDUCATION

- Lovely Professional University**

Punjab, India

Bachelor of Technology - Computer Science and Engineering  
CGPA: 7.26

Since Aug 2023

- Annada College**

Hazaribagh, Jharkhand

Intermediate – PCM  
Percentage: 74%

Apr 2021 – Mar 2023