

# NIMMI SINGH

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## About

Motivated Computer Science student skilled in full-stack development, API integration, and real-time applications. Passionate about solving complex problems and delivering impactful solutions using React.js, Node.js, and FastAPI. Dedicated to continuous learning and contributing to team success.

## Skills

**Languages:** Java, Python, JavaScript, SQL

**Frontend Technologies:** HTML5, CSS, React Js, Bootstrap, Tailwind CSS

**Backend Technologies:** Node Js, Express, REST API

**Database Management:** MySQL, MongoDB

## Education

**United College of Engineering and Research Prayagraj**

**2022-2026**

Bachelor of Technology in Computer Science and Engineering

**CGPA: 7.556/10**

**Lions School Mirzapur**

**2022**

12<sup>th</sup> Standard | Central Board of Secondary Education

**Percentage: 84.4%**

**St Xavier School Mirzapur**

**2020**

10<sup>th</sup> Standard | Central Board of Secondary Education

**Percentage: 86%**

## Project Work

### • PosturePal (2025):

Developed a real-time posture monitoring web application using OpenCV, Mediapipe, and FastAPI. Integrated machine learning models to detect and analyze user posture, providing instant feedback to promote better ergonomics. Focused on user-friendly interface design and achieved real-time processing accuracy.

### • News Website (2024):

Built a dynamic and responsive news platform using React.js, HTML, CSS, and JavaScript. Implemented API integration to fetch real-time news updates and trending articles. Focused on performance optimization and responsive design for seamless multi-device access.

### • Gemini AI Clone (2024):

Created an AI-powered chatbot web app using React.js, Google Gemini API, JavaScript, HTML, and CSS. Implemented features like real-time conversation, multilingual support, and dark mode. Focused on enhancing user experience with smooth interaction and responsive design.

## Awards & Achievements

### • HackQuest Hackathon, UIT (2025)

Participated in a 24-hour national hackathon at UIT, building a web solution under tight deadlines and showcasing strong collaboration and technical skills.