

Gaurav Kumar

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Skills

LANGUAGES KNOWN: Java • C • Python • Typescript

FRONTEND DEVELOPMENT: HTML • CSS • Javascript • React.js • Tailwind CSS

TESTING FRAMEWORKS: Jasmine • Vitest

TOOLS & MISC : Git • AWS (Elastic Beanstalk)

SOFT SKILLS : Collaborative Contributor • Proactive Problem Solver • Adaptability

Projects

E-commerce Website:

- Built a fully functional e-commerce website with cart, checkout, and delivery tracking.
- Developed with React and tested using Vitest to ensure reliability of UI and logic.
- Future enhancements could involve real payment gateways and backend integration for production.

ChatBot (React-based):

- Built a basic chatbot that answers simple queries like today's date, coin toss, and dice roll and many more.
- React-based implementation using hooks and conditional rendering.
- Can be equipped with ML algorithms or integrated with APIs to scale into an LLM-powered assistant.

Music Player (JavaScript)

- Designed a browser-based music player with play, pause, next, and previous controls.
- Used JavaScript's Audio API and event listeners for dynamic control.
- This project can be further developed to include playlist management, and visualizations.

Weather App (Python + Requests Module)

- Built a CLI weather app that fetches real-time weather data for any city.
- Used Python with the requests module to call open weather APIs and parse responses.
- Can be extended with GUI or integrated into other tools like Telegram bots or dashboards.

Education

NETAJI SUBHASH ENGINEERING COLLEGE, KOLKATA, INDIA

B.Tech In Computer Science & Engineering.

2023 - Present

SRK GOENKA COLLEGE, SITAMARHI, BIHAR

Class 12th In PCM

2020 - 22 | 86 %

SACRED HEART SCHOOL, SITAMARHI, BIHAR

Class 10th

2020 | 92.4 %

Coursework

- Data Structures & Algorithms.
- Object-Oriented Programming & Software Engineering.
- Operating Systems & Computer Architecture.
- Artificial Intelligence & Machine Learning.

Interests

Chess • Constructive Debates
• Cricket • Exploring Tech

🌐 <https://gauravkumar.online/>

🐙 <https://github.com/gaurav-kr-09>