SHIVAM GARG

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SUMMARY

- Motivated and detail-oriented Software & Full-Stack Developer with strong expertise in backend engineering, API development, and scalable application design. I have built real-world solutions—including ML-driven automation systems, intelligent chatbots, and full stack event platforms—that demonstrate my ability to turn ideas into reliable, user-focused products. Skilled in C++, Python, Java, JavaScript, and SQL with a solid foundation in problem-solving and clean-code practices. I bring a fast-learning mindset, strong ownership, and the ability to adapt quickly to new technologies—making me a valuable asset to any development team.

PROJECTS

Sports Event Management System | Live Link | GitHub   **June 2025**

- Engineered a full-stack event management platform featuring event registration, dynamic dashboards, and live map tracking, streamlining event coordination and user navigation.
- Integrated Google Maps for real-time location visualization, enabling users to track event venues and movement with high accuracy and improved usability.
- Implemented Gemini AI–based recommendation features, delivering personalized event suggestions and enhancing overall user engagement and decision-making.
- Optimized backend workflows and database operations, ensuring smooth scalability and consistent performance even with increasing event and user data load

History Chatbot with API Integration | GitHub   **Apr 2025**

- Developed an intelligent history-focused chatbot powered by external APIs to generate accurate, context-aware historical responses for user queries.
- Engineered a robust backend pipeline for handling API requests, data parsing, and response generation, improving system reliability and reducing response latency.
- Designed a clean and user-friendly web interface, enabling smooth conversational interaction and increasing overall user engagement with the platform.

Farmer's Smart Irrigation Assistant | GitHub   **Mar 2025**

- Engineered an ML-powered irrigation assistant that analyzes weather, soil conditions, and moisture parameters, delivering highly accurate watering recommendations for farmers.
- Automated irrigation decision-making, reducing manual effort and improving water utilization efficiency by streamlining the prediction-to-action workflow.
- Developed a responsive and user-friendly interface, enabling farmers to monitor suggestions in real time, improving usability and field adoption.

EDUCATION

Lovely Professional University, Punjab   **Aug 2023 - Present**

*Bachelor of Technology in **Computer Science and Engineering (Present)***

TECHNICAL SKILLS

- **Programming:** C, C++, Javascript, Python.
- **Web technologies:** React, Next.js, CSS, HTML.
- **Database Management:** SQL.
- **Operating system:** Windows, Linux.
- **Miscellaneous:** Data Structures, Algorithms, Git, GitHub.

CERTIFICATIONS

Introduction to Internet of Things | Certificate   **Oct 2025**

- Completed IIT Kharagpur's NPTEL "Introduction to Internet of Things" certification, gaining hands-on understanding of IoT architectures, sensors, communication protocols, and real-world IoT applications.

Natural Language Processing Training | Certificate   **Aug 2025**

- Completed comprehensive training in Natural Language Processing, gaining practical experience with text preprocessing, tokenization, sentiment analysis, and building NLP-based applications.

SQL for Data Analytics | Certificate   **July 2025**

Completed SQL for Data Analytics training, developing strong skills in writing complex queries, performing data extraction, cleaning, aggregation, and generating insights for real-world data analysis.

ACHIEVEMENTS

- Qualified CBSE Chemistry Level-2 Olympiad.
- Inter-school cricket finalist and medalist.