

# Saksham Shrivastava

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## SUMMARY

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A motivated technology student pursuing a Bachelor of Technology in Information Technology, with strong skills in Python, Java, and JavaScript. Recognized for winning a hackathon by developing an AI-powered chatbot that improves customer support for small businesses. Experienced in frontend development using HTML, CSS, and React, with a basic understanding of AWS. Eager to contribute technical expertise and a collaborative spirit in a dynamic team environment.

## TECHNICAL SKILLS

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**Programming Languages:** Python, C++, SQL, MATLAB, JavaScript, Java

**Frameworks:** TensorFlow, Tailwind, Bootstrap, React.JS

**Developer Tools:** Git, pull requests, code repositories, VS Code, Visual Studio

**Libraries & Tools:** NumPy, Pandas, Matplotlib

**Cloud Services:** Basic knowledge of AWS

## PROJECTS

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### Travel Advisor

*Web Development Project*

*HTML, CSS, JavaScript, React*

- Developed a comprehensive travel advisory web application providing personalized recommendations based on user preferences.
- Implemented a responsive user interface to enhance user experience across devices.
- Integrated features such as destination search, itinerary planning, and local attraction suggestions using travel APIs.

### Password Generator

*Web Development Project*

*HTML, CSS, JavaScript*

- Designed and developed a web application to generate strong and secure passwords, enhancing user security practices.
- Created a user interface using HTML and CSS, allowing users to easily select password criteria, such as length and character types (uppercase, lowercase, numbers, symbols).
- Implemented data visualization features to display user interaction patterns and password generation statistics.

## EXPERIENCE

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### Tech-Tank Winner

Mar '24

*Bhopal*

- Collaborated with a team to develop an AI-powered chatbot tailored to meet the needs of small-scale shop owners.
- Integrated data visualization tools to provide actionable insights from customer interactions, aiding shop owners in managing their operations.
- Automated customer support processes, enhancing user engagement and improving overall business efficiency.

### Frontend Developer

Aug '23 - Oct '23

*Bharat Intern, Bhopal*

- Worked with stakeholders to develop data-driven solutions using HTML, CSS, JavaScript, and SQL, enhancing product functionality and user experience.
- Created responsive web applications, improving user engagement and accessibility for clients.
- Applied machine learning and statistical methods to identify trends in user behavior, refining front-end experiences through peer review processes.

### Hackathon Oct 2023 Oriental Institute of Science and Technology

- Developed an AI-based chatbot for customer support using Python and NLP techniques, employing statistical analysis and machine learning algorithms to simulate human-like conversations.
- Designed the chatbot to learn from interactions, continuously improving its conversational abilities and customer handling skills.
- Conducted extensive testing and debugging to ensure reliable and consistent performance across various scenarios and user queries.

## EDUCATION

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**Oriental Institute of Science and Technology**  
*Bachelor of Technology in Information Technology*

Bhopal, M.P.  
Oct. 2022 – July 2026

**Sagar Public School**  
*XII (CBSE)*

Bhopal, MP  
2021 – 2022

## CERTIFICATIONS

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- AWS Cloud Practitioner Essentials
- Javascript for Beginners
- HTML CSS - Certification Course for Beginners