

# Satyam Singh

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## SKILLS

- **Languages:** C++, JavaScript, PHP, Python
- **Frameworks:** HTML and CSS, Bootstrap, React
- **Tools/Platforms:** MySQL, MongoDB,
- **Soft Skills:** Resilience, Team Player, Active Listening

## WORKSHOPS

- **Projects for Adobe Workshop** March 2024
  - *Full Stack Project: Hotel Management Website*
    - Developed a hotel management website using the MERN stack.
    - Created a responsive front-end using React.js for an intuitive user experience.
    - Built a robust backend with Node.js to handle business logic and operations.
    - Implemented efficient data management using MongoDB for seamless storage and retrieval.
    - Enabled room bookings, guest management, and administrative tasks within the system.
    - Ensured a smooth and user-friendly experience through optimized functionality and design.
  - **Tech stacks used:** MERN (MongoDB, Express.js, React.js, Node.js).

## PROJECTS

- **AI-Powered Conversational Chatbot:** December 2023
  - Developed an AI-powered chatbot using Node.js for backend logic and HTML/CSS for the front-end interface.
  - Integrated the Gemini AI API to enable intelligent conversational capabilities.
  - Designed a user-friendly interface to enhance user experience.
  - Established seamless communication between the front-end and the AI model.
  - Ensured responsive and interactive user experiences using modern web development practices.

**Tech:** Node.js, HTML, CSS, Gemini AI API.
- **Real-Time Interactive Chat Application:** November 2023
  - Developed an interactive chat application using React.js for the front-end and Node.js for the backend.
  - Integrated ChatEngine.io for storing user IDs and managing chat data.
  - Delivered a seamless and real-time messaging experience with efficient user interaction and data management.
  - Developed a responsive user interface for optimal user engagement.
  - Established smooth communication between the front-end and backend systems to ensure optimal performance.

**Tech:** React.js, Node.js, ChatEngine.io.
- **Movie Rating and Review Platform** November 2023
  - Developed a movie rating and review platform using AngularJS for the front-end and Node.js for the backend.
  - Created a dynamic and interactive user interface for seamless navigation and user engagement.
  - Developed APIs to facilitate smooth communication between the front-end and backend.
  - Enabled efficient data handling and storage for user reviews and ratings.

**Tech:** AngularJS, Node.js, HTML, CSS, JavaScript.

## CERTIFICATES

- Cloud Computing by NPTEL February 2025
- Complete Interview Preparation - Self-Paced (C++) | GFG. June – July 2024
- The Complete Full-Stack Web Development Bootcamp | Dr. Angela Yu January 2023

## CO-CURRICULAR ACTIVITIES

- **Personal Projects:**  
Work on independent coding projects to apply programming skills and explore new technologies.
- **Workshops and Hackathons:**  
Attend and contribute to coding workshops and hackathons to enhance technical skills and teamwork.

## EDUCATION

- **Lovely Professional University** Phagwara, Punjab
  - *Bachelor of Technology - Computer Science and Engineering; CGPA: 7.50* Since August 2022
- **Kendriya Vidyalaya, Palampur** Jhansi, Uttar Pradesh
  - *Intermediate; Percentage: 85%* April 2019 - March 2021
- **Kendriya Vidyalaya No 2 Jhansi Cantt** Palampur, Himachal Pradesh
  - *Matriculation; Percentage: 93.6%* April 2017 - March 2019