

SHIVAM UPADHYAY

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Education

Raj kumar Goel Institute Of Technology, Ghaziabad

2020 - 2024

B.Tech in Computer Science & Engineering

Work Experience

ToysPresso (Intern)

Nov '24 - Present

Full Stack Developer

- Enhanced the platform with an **AI Chatbot** powered by **OpenAI**, enabling natural language interactions and increasing user engagement by 75%.
- Added **Voice Assistance** for seamless interaction with the AI Chatbot, significantly improving accessibility and user experience.
- Utilized **NVIDIA Omniverse** to convert 2D images into 3D models, enhancing the platform's visual and interactive capabilities by 38%.
- Developed real-time chat functionality using **Socket.io**, improving user communication by 47% and enabling seamless interaction between users and sellers.
- Implemented live page features with **MediaSoup**, boosting real-time user interactions by 60%, ensuring seamless live streaming for users and sellers.

Projects

Vibe-Nest

[Code](#)

- Created a video streaming platform providing access to **TV shows, movies, and personalized content**, boosting user engagement by **60%**.
- Implemented advanced functionalities such as **search history** and **favorites management**, enhancing content accessibility by **40%**.
- Built the platform using **modern web technologies**, featuring secure authentication and authorization to reduce unauthorized access by **57%**.

Chat-App

[Code](#)

- Built a feature-rich chat application enabling users to **send real-time messages**, significantly improving communication by **90%**.
- Integrated **Socket.IO** for real-time updates and included **read receipts** to optimize user experience by **50%**.
- Utilized **MongoDB** for efficient storage of user and chat data, and implemented **JWT-based authentication** to secure user sessions.
- Designed RESTful APIs using **Express.js** to handle user registration, authentication, and messaging features.

Technical Skills

Languages: C++, Python, JavaScript

Backend: Node.js, Express.js, Three.js

Frontend: React, TailwindCSS, HTML, CSS, Bootstrap

Clouds & Databases: MongoDB, MySQL

Developer Tools: Postman, VS Code, GitHub, Cursor, PyCharm

Other Skills: Communication, Team-leading, Problem Solving

Algorithmic Competitions/Certifications

- 4-Star C++ on HackerRank:** Earned a 4-star rating for C++ skills. ([View Profile](#))
- GeeksforGeeks Level 3:** Achieved Level 3 with a 1768 rating. ([View Profile](#))
- GitHub Projects:** Showcased practical skills with multiple projects. ([View Projects](#))
- MERN Stack Certification:** Completed a MERN Stack course. ([View Certificate](#))
- Python Certification:** Acquired Python skills through certification. ([View Certificate](#))
- Web Development Certification:** Completed a certification in web development. ([View Certificate](#))