Shivam Raj

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SKILLS

Languages:	C++, JavaScript, C, PHP, Java, Python
Frameworks:	HTML and CSS, Bootstrap, Tailwind CSS, NodeJS, React
Tools/Platforms:	MySQL, MongoDB
Soft skills:	Problem Solving, Attention to detail, Collaboration and Teamwork, Adaptability and Flexibility

WORK EXPERIENCE

- **Summer Training on Game Development** — Jun 2024 - Jul 2024
  Spruce by Cipher School
  Cube Runner is a **3D endless runner game** developed using **Unity and C#**, where players control a moving cube to collect balls while avoiding obstacles.

- **Outlier** — Sep 2024 – Dec 2024
  Trained AI models across diverse domains, including mathematics, coding, and physics, improving problem solving accuracy by 2%. Enhanced automation, and intelligent analysis. Optimizing Model accuracy by 3%. ◦ Tech stacks used: C++, C, Python.

PROJECTS

Hotel Site: (GitHub) — Oct 2024-Nov 2024
- **Dynamic Hotel Booking Platform:** Developed a hotel booking website using React.js with an intuitive user interface, seamless navigation, and interactive UI components.
- **Real-Time Booking & Optimization:** Integrated real-time booking functionality with smooth form handling, routing, and state management, ensuring an enhanced user experience.
- **Responsive & High-Performance Design:** Implemented a responsive design optimized for fast load times and cross-device compatibility using HTML, CSS, JavaScript, and React.

Mentor Connect: (GitHub) — Aug 2024-Sept 2024
- **Automated Mentor Booking System:** Enhanced a calendar-based scheduling system integrating **Calendly** for seamless mentor-mentee meeting coordination.
- **Real-Time Communication & Collaboration:** Implemented **embedded video calls, chat rooms, and a whiteboard** for interactive sessions.
- **Secure & Resourceful Platform:** Ensured **secure authentication** and enabled **link/document sharing** to enhance collaboration.

Neko Tunes: (GitHub) — Feb 2024-Apr 2024
- **Comprehensive Music Streaming & Social Platform:** Expanded **Neko Tunes**, integrating music streaming with social interaction features.
- **Full-Stack Development:** Built both frontend and backend using **Angular, Express.js, MongoDB, and Socket.io** for seamless performance.
- **Rich User Experience:** Enabled **song searching, artist viewing, and real-time chat rooms**, enhancing user engagement.

CERTIFICATES

Cloud Computing | NPTEL	Jul 2024-Oct2024
Game Development | Cipher Schools	Jun 2024-jul 2024
Data Structure and Algorithms | Cipher Schools	Sep 2023-Dec 2023
Object Oriented Programming | Cipher Schools	Sep 2023-Dec 2023
SQL for Data Analysis| Udemy	Jan 2023- Mar 2023
HTML, CSS, JavaScript | Cipher Schools	Jan 2023 -Mar 2023

ACHIEVEMENTS

Solved 300+ Leetcode Problems: — Since Jan 2025
Demonstrating strong skills in data structures, algorithms, and problem-solving.

Secured 6th rank in the Hackathon, CipherThon 2.0: — Jan 2024
Participated and ranked 6th in the Hackathon organized by Cipher Schools.

EDUCATION

Lovely Professional University — Jalandhar, Punjab
Bachelor of Technology - Computer Science and Engineering; **CGPA:** 7.6 — Since Sep 2022

Model School — Dehri-on-sone, Bihar
Intermediate; **Percentage:** 71% — Apr 2020 - Mar 2022

DAV Public School — Dehri-on-sone, Bihar
Matriculation; **Percentage:** 79% — Apr 2019 – Mar 2020