

# Priyanshu Sahay

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## SKILLS

- **Languages:** C++, JavaScript, C, PHP
- **Frameworks:** HTML and CSS, Bootstrap, NodeJS, React
- **Tools/Platforms:** MySQL, MongoDB
- **Soft Skills:** Collaboration and Teamwork, Leadership and Task Management, Learning Agility

## PROJECTS

### Rent Wheels – Car Rental Platform:

- Engineered a full-stack car rental platform, streamlining booking efficiency by 30%.
- Crafted an intuitive user interface enhancing user experience and reducing bounce rates by 20%.
- Engineered and maintained a scalable database architecture for 1000+ transactions, ensuring optimal performance.
- Integrated Razor pays via Node.js, achieving 99.9% payment success rate.
- Deployed an AI chatbot, cutting down customer queries by 40% through automated responses.

**Tech:** HTML, CSS, JavaScript, Bootstrap, PHP, MySQL, Node.js (Razor pay), AI Chatbot (PHP)

### E-Waste Management System:

- Built an end-to-end platform handling 500+ kg of e-waste monthly, improving eco-friendly disposal.
- Developed a real-time tracking system for 200+ pickups and 50+ collection centers.
- Designed a frontend, increasing user adoption by 35% through an optimized UI/UX experience.
- Automated backend data processing, reducing manual workload by 60%, ensuring seamless operations.
- Integrated data analytics dashboards, improving efficiency by 25% through actionable insights.

**Tech:** HTML, CSS, JavaScript, Bootstrap, PHP, MySQL

### Rock Paper Scissors Game:

- Created an engaging game with 5+ interactive animations, boosting user retention by 40%.
- Implemented real-time game logic, achieving a response time of <1s per move.
- Developed a fully responsive UI, enhancing cross-device compatibility by 30%.
- Enhanced game performance, cutting execution delays by 50% via optimized JavaScript.
- Orchestrated custom animations to make gameplay more immersive, driving higher user engagement.

**Tech:** HTML, CSS, JavaScript

## CERTIFICATES

- GFG Data Structure and Algorithms - Self-Paced (C++) by GFG (June – July)
- Cloud Computing by NPTEL (July – Sept)
- Gen AI by Coursera (Sept-Nov)

## ACHIEVEMENTS

- **Winner of Codex Fest 2.0 Hackathon:** (Oct 2024)  
Secured 1st place in the Codefest 2.0 Hackathon, competing against top teams and delivering an innovative solution.
- **Top 5 Finalist in Arena Hackathon:**  
Ranked among the **top 5 teams** in the **Hackathon by Arena**, showcasing problems-solving skills and technical expertise.
- **Code Chef Rating – 930**  
Earned a **Code Chef rating of 930**, showcasing proficiency in algorithms and data structures through competitive programming.

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering* Since August 2022
- **SGD Modern School** Jharkhand, India  
*Intermediate* April 2020 - March 2022
- **SGD Modern School** Jharkhand, India  
*Matriculation* April 2018 - March 2020