

# HARSHIT JAISWAL

SDE | AI Agent Engineer | Freelancer | Author

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## SUMMARY

**Computer Science Engineering Student and Project Manager** specializing in **Full Stack Web Development** (MERN Stack). Successfully delivered 24+ freelance projects across diverse industry domains. Proficient in **C++**, **React**, **Node.js**, and **Bun.js**. Solved 250+ **LeetCode** problems, showcasing a solid foundation in **Data Structures and Algorithms (DSA)**. Dedicated to building and deploying high-performance, scalable web applications.

## SKILLS

- Languages:** C++ (Intermediate), JavaScript (ES6+), TypeScript, Python, SQL.
- Web Development:** React, Next.js, Node.js, Bun.js, HTML5, CSS3, Tailwind CSS, WordPress.
- Backend and Databases:** PostgreSQL, MongoDB, MySQL, Firebase Authentication, REST APIs.
- Tools and Platforms:** Git, GitHub, VS Code, Postman, Linux (Basic), Bash / Shell, CLI, Cloudflare.
- Currently Exploring:** AI Engineering, DevOps Fundamentals (Docker, AWS, CI/CD), System Design.
- Core Concepts:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), SDLC, SEO, Prompt Engineering.

## EXPERIENCE

### Project Manager Intern

Jun 2025 – Aug 2025

*SenpaiHost (Remote)*

- Orchestrated web development lifecycles for 10+ concurrent projects, translating client requirements into technical execution plans, improving delivery efficiency by 20%.
- Directed project timelines and resources across a 5-member team, ensuring 100% on-time delivery of scalable web solutions.
- Conducted comprehensive code reviews and quality assurance checks, resulting in a 15% decrease in post-deployment bug reports.

### WordPress Developer Intern

Aug 2024 – Sep 2024

*SenpaiHost (Remote)*

- Built dynamic WordPress websites, integrating custom themes and plugins for 5+ major client accounts.
- Upgraded website performance and caching mechanisms, reducing page load times by 40% and significantly boosting SEO rankings.
- Collaborated with cross-functional teams to implement responsive layouts, increasing mobile user engagement by 25%.

### Freelance Web Developer

Jan 2020 – Present

*Self-Employed*

- Produced 24+ full-stack web projects for diverse clients, creating custom features and accelerating business processes by 25%.
- Spearheaded SEO strategies and DNS management across 15+ domains, boosting organic search traffic by 30% and ensuring 99.9% server uptime.

## PROJECTS

### Unified College Interaction System - React, Node.js, MongoDB

[Source Code](#)

- Developed as part of a **Project-Based Learning (PBL) program via Projexa AI**, focusing on real-world system design for 1,000+ students and faculty.
- Integrated secure user authentication and real-time data fetching using RESTful APIs, reducing manual administrative queries by 40%.

### AI Skills - Global Context Library & NPM Package - Node.js, CLI, GitHub Actions

[GitHub](#) | [NPM](#)

- Developed an open-source CLI module to provide optimized context for LLM agents, utilizing automated CI/CD pipelines via GitHub Actions to maintain consistent releases.
- Showcased the utility to the developer community, facilitating streamlined IDE configurations for AI-assisted coding and significantly reducing token consumption in LLM prompts.

#### **Real-time Chat Application** - *React, Node.js, Socket.io, MongoDB*

[Source Code](#)

- Engineered an instantaneous, high-concurrency messaging application using React frontend and Node.js backend integration with WebSockets via Socket.io.
- Enabled real-time private messaging, automated user online/offline indicators, and secure session management with token-based JWT authentication.

#### **Multi-Search Extension** - *JavaScript, Browser API*

[Source Code](#)

- Conceptualized a productivity-improving browser extension enabling users to perform simultaneous queries across 5+ search engines.
- Boosted search efficiency by aggregating results in a single click, achieving a 4.5+ average rating and increasing user productivity by 20%.

## **EDUCATION**

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### **Bachelor of Technology (B.Tech) in Computer Science and Engineering**

Aug 2023 – Jun 2027

KR Mangalam University, Gurugram, Delhi NCR

### **Higher Secondary Certificate (12th Grade Science)**

Apr 2021 – Mar 2022

S Tulsi Inter College, Rajapur, Near Prayagraj, Uttar Pradesh

## **CERTIFICATIONS**

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- **Project-Based Learning Recognition (PBL):** Certified for the "Unified College Interaction System" by Projexa AI (May 2026).
- **Research Paper:** "Innovative Systems and Ethical Data Practices" issued in IJSREM (Oct 2024). [\[View Publication\]](#)
- **Cybersecurity Analyst Job Simulation:** Tata Group (Forage, Apr 2025). [\[View Certificate\]](#)
- **AMCAT Assessment:** Ranked among the top-performing students from the college in the AMCAT Assessment.

