

Harsh Pandey

Portfolio | LinkedIn | GitHub | LeetCode | Codeforces

Email: harshpandeyiitian04@gmail.com

Mobile: +91 7879482203

EDUCATION

• Indian Institute of Technology, Mandi

B.Tech in Computer Science Engineering; CGPA: 8.9

Himachal Pradesh, India

Aug 2023 – May 2027

- **Relevant Coursework:** Introduction to Python and Data Science, Probability and Statistics, Data Science III

PROGRAMMING SKILLS

- **Languages:** Python, HTML, CSS, JavaScript, TypeScript

- **Technologies/Frameworks:** Express.js, React.js, Next.js, Node.js, React Native, MongoDB, Vercel, Docker, Rust

- **Tools:** Visual Studio Code, Git, GitHub

PROJECTS

• GenWeb – AI Website Builder

Next.js, MERN, Supabase, Clerk, Agent.ai, Google APIs

Apr 2025 GitHub

- **AI-Powered Code Generation:** Built an AI-driven website builder that dynamically generates complete website structures and content based on user prompts using Agent.ai integrations.
- **Full-Stack Architecture:** Designed scalable backend using Supabase with secure authentication via Clerk, enabling persistent project storage and retrieval.
- **Automation and DevOps Integration:** Implemented automated GitHub repository creation, dynamic file generation, and live preview rendering for real-time development experience.

• Xpecto '25 – IIT Mandi Official Fest Platform

Next.js, MERN Stack, Supabase, Clerk, WebSockets

Apr 2025 GitHub

- **Scalable Event Management System:** Engineered a full-stack event management platform handling dynamic event listings, registrations, and structured data management.
- **Real-Time Updates:** Integrated WebSocket-based live updates for schedules, competition results, and announcements to enhance user engagement.
- **Secure Authentication System:** Implemented Clerk-based authentication and role-based access control for participants and campus ambassadors.

• TradeX – Real-Time Stock Tracking Platform

Next.js, TypeScript, REST APIs

2025 GitHub

- **Real-Time Financial Data Integration:** Developed a stock market tracking platform integrating real-time APIs to display dynamic pricing and company insights.
- **Interactive Dashboard:** Built responsive financial dashboards with personalized alerts and optimized rendering for performance.
- **Performance Optimization:** Enhanced application speed through efficient API handling and optimized frontend state management.

• AI Agent System

Python, AI Workflows, Automation

2025 GitHub

- **Autonomous Task Execution:** Designed intelligent AI agents capable of executing predefined workflows and automated decision-making processes.
- **Modular System Design:** Developed modular agent pipelines enabling scalable task orchestration and API integrations.
- **Automation Framework:** Built reusable automation logic to support multi-step AI interactions and backend processing.

• Cars24 – AutoTech Platform

Next.js, Vercel

Aug 2025 GitHub

- **Server-Side Rendered Web Platform:** Developed a responsive AutoTech platform using Next.js with server-side rendering for improved SEO and performance.
- **Backend API Integration:** Implemented RESTful API routes to manage backend functionality and dynamic content delivery.
- **Deployment and Optimization:** Deployed on Vercel with optimized build configuration and modular project structure.

WORK EXPERIENCE

- **NullClass** Remote
Jun 2025
 - **Web Development Intern**
 - **Internship Selection:** Selected as a Web Development Intern after successful completion of the training program, contributing to real-time web development projects.
 - **Frontend Development:** Worked on building and improving responsive web interfaces while adhering to professional development standards and performance criteria.
 - **Collaboration and Feedback:** Collaborated with mentors and participated in regular feedback sessions to enhance technical and practical skills.
- **VATSTECH Business Solution Pvt. Ltd.** Remote
Nov 2025
 - **Web Developer Intern**
 - **Full-Stack Development:** Assisted in developing, maintaining, and optimizing web applications and digital platforms.
 - **Module Implementation:** Executed front-end and back-end modules under the guidance of senior engineers while supporting UI/UX implementation and debugging workflows.
 - **Quality and Performance:** Contributed to documentation, testing cycles, and performance enhancement tasks, ensuring alignment with quality and security benchmarks.
- **CoreMacasia Technologies OPC Pvt. Ltd.** Remote
Feb 2026 – Apr 2026
 - **WordPress Development Intern**
 - **Website Development and Customization:** Assisted in the creation and customization of WordPress websites for an online learning platform, ensuring responsive and user-friendly design.
 - **Feature Implementation and Collaboration:** Collaborated with design and content teams to implement new features, enhancements, and functional improvements across WordPress sites.
 - **Performance Optimization and Maintenance:** Troubleshooted technical issues, optimized website performance and SEO, and maintained existing WordPress platforms following best development practices.

ACHIEVEMENTS

- **Maze-Solving Robot Competition:** Earned 3rd place in a maze-solving robotics competition, applying problem-solving and technical expertise.

POSITIONS OF RESPONSIBILITY

- **Co-coordinator, Anusandhan 2024:** Contributed to organizing and managing the event, coordinating with teams and participants.