

SHIVANSH PANDEY

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[LeetCode](#) | [Coding Ninja](#) | [CodeForces](#) | [AlgoZenith](#) | [GitHub](#) | [Linkedin](#)

Profile

Computer Science Undergraduate with strong foundations in Data Structures and Algorithms and Full-Stack Web Development. Built AI-powered and real-time web applications using modern technologies. Solved 500+ coding problems across competitive platforms.

Education

Pranveer Singh Institute of Technology, Kanpur

Bachelor of Technology in Computer Science and Engineering

December 2022 - July 2026

CGPA- 7.3/10

Mother Teresa Mission Higher Secondary School, Kanpur

Intermediate

April 2020 - March 2021

Percentage- 87.16

Mother Teresa Mission Higher Secondary School, Kanpur

High School

April 2018 - March 2019

Percentage- 87.16

Projects

AI-Powered Coding Assistant Chrome Extension

- **Developed a context-aware chrome extension:** Integrated AI-Powered assistance using **OpenAI API** for coding challenges.
- **Designed and Implemented UI** with **HTML, CSS and JavaScript** for seamless "AI Help" button and chat box integration in a SPA.
- Tech Stack: **HTML, CSS, JavaScript, Chrome Extensions, AI models(e.g., GPT-4).**
- [Link](#) | [GitHub](#)

Whiteboard Application

- Developed a dynamic whiteboard application using React and HTML5 canvas, styled with Tailwind CSS and deployed on vercel.
- It allows multiple users to draw, write, and interact simultaneously on a shared canvas. Integrated tools such as pen, eraser, sticky notes, shapes, and file sharing.
- Gained hands-on experience with JavaScript, React.js, Tailwind CSS and HTML5 canvas.
- Tech Stack: **HTML, CSS, JavaScript, React.js.**
- [Link](#) | [GitHub](#)

Real-Time Multiplayer Chess Arena

- Built a real-time multiplayer chess game using Node.js, Express, and Socket.io, supporting concurrent gameplay and spectator modes.
- Implemented server-side move validation and game logic using Chess.js, ensuring a cheat-proof gaming environment.
- Designed a drag-and-drop frontend interface with automatic perspective rendering for different player roles.
- [Link](#) | [GitHub](#)

Achievements and Certifications

- Solved 500+ problems across platforms like LeetCode, Coding Ninja, CodeForces, HackerRank, AlgoZenith, etc.
- AlgoZenith Certified Chrome Extension: AZ Problem Tracker.
- AlgoZenith Certified AZ Winter Hackathon 2024: AI is Coming!
- Salesforce Certified- Trailhead Agentblazer.
- Web Development Certified- 100xDevs (Harkirat Singh).
- Cyber Security Certified- mygreatlearning.
- Python Certified- Scaler.
- Data Analytics and Essentials Certified- Cisco.

Technical Skills

- **Languages:** C++, Java, C, Python, HTML, CSS, JavaScript, Object Oriented Programming, SQL.
- **Web Development:** NodeJs, ReactJs, ExpressJs, MongoDB, Mongoose.
- **Tools and Technologies:** Git, GitHub, Chrome Extension: AZ Problem Tracker, VS Code, Eclipse, Oracle.