

SHIVANSH PANDEY

Kanpur, Uttar Pradesh

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LinkedIn

GitHub

LeetCode

Coding Ninja

CodeForces

AlgoZenith

EDUCATION

Pranveer Singh Institute of Technology

Bachelor of Technology - Computer Science and Engineering - CGPA - 7.3

December 2022 – July 2026

Kanpur, India

Mother Teresa Mission Higher Secondary School

Intermediate - Computer Science - Percentage - 87.16%

April 2020 – March 2021

Kanpur, India

Mother Teresa Mission Higher Secondary School

High School - Computer Science - Percentage - 87.16%

April 2018 – March 2019

Kanpur, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Machine Learning
- Artificial Intelligence
- Database Management System (DBMS)
- OOPS Concept
- Web Development

PROJECTS

Real-Time Multiplayer Chess Arena ↗

Jan 2026 - Jan 2026

- 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.
- **Tech Stack:** JavaScript(ES6+, Socket.io Client, Socket.io, Chess.js, WebSockets (via Socket.io), Game Logic and State Management, Chess.js).

Whiteboard Application ↗

Nov 2025 - Jan 2026

- 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.

AI-Powered Coding Assistant Chrome Extension ↗

Sept 2025 - Oct 2025

- 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).

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.

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.