PRATEEK PANDEY

+91 9838387750 - Portfolio - pandeyprateek560@gmail.com - Linkedin - GitHub

EDUCATION

NIT Jamshedpur   **Jamshedpur, Jharkhand, India**
Master of Computer Application - 7.71 CGPA   *08/2023 - Present*
International Institute for Special Education   **Lucknow, Uttar Pradesh, India**
Bachelor of Computer Applications - 70.11%   *08/2019 - 05/2022*

TECHNICAL SKILLS

Programming Languages: C, C++, JavaScript, Java
Web Developement: HTML, CSS, Node.js, Express.js, React.js, Next.js, Tailwind CSS, MongoDB, Axios, Socket.io, REST APIs, Firebase Auth, Firestore
Tools & Technologies: Git, GitHub, JWT, Postman, Vercel, Render, Netlify
Databases: MySQL, MongoDB
Other: DSA(Data Structures and Algorithms), DBMS(Database Management System), OOPS(Object-Oriented Programming), Web Technologies, Computer Networks, Operating Systems

PROJECTS

prepMate 🔗   **06/2025-Present**

- Built an **AI-powered** interview preparation platform using **Next.js**, **Firebase**, and **Vapi AI**, enabling users to schedule mock interviews tailored to specific job roles. Automated **85%** of interview scheduling and prep workflows, reducing manual effort.
- Integrated real-time **role-based** Q&A sessions using Vapi AI voice agents, reducing manual preparation time by **up to 70%** for users and enhancing engagement with **dynamic voice-driven simulations**.
- Implemented **Firebase Auth** and **Firestore** to manage over **1,000** mock interview sessions, ensuring **secure, scalable** user data storage and delivering a less than **100ms** response time for key interactions.

TypingArena 🔗   **06/2025-Present**

- Developed a **real-time multiplayer** typing app with **live leaderboard** and WPM tracking, supporting **low-latency interactions** across 10+ active rooms.
- Built the **backend controllers, RESTful API, room creation, countdown timer** and **paragraph customization** with live data sync using **Socket.io** and **React**.
- Scaled to handle **1000+** typing sessions and player stats efficiently using MongoDB.
- Designed an **intuitive, responsive UI** with **Tailwind CSS**, enabling seamless gameplay on devices.
- **Tech Stack:** MERN(MongoDB, Express, React.js, Node.js), Socket.io, Tailwind CSS

DailyOrbit 🔗   **04/2025-05/2025**

- Enhanced a MERN stack daily planner app to organize tasks by **categories** and track daily progress.
- Implemented goal-based task management, real-time progress visualization, and custom filters.
- Enabled **task sharing** and **collaboration across users** to enhance productivity and engagement.
- Integrated **JWT authentication** with refresh tokens for secure user login and session handling.
- Managed **1,000+** tasks and progress records using **MongoDB** and **Express.js** with optimized queries.
- Designed a **responsive UI** with React and Tailwind CSS for seamless experience across devices.

ACHIEVEMENTS

- **Codeforces:** Pupil, **Max Rating: 1209, 400+ problems solved** – Strong algorithmic and problem-solving skills.
- **CodeChef:** 2-Star, **Max Rating: 1565**, **Global Rank 232 in Starters 130 (Div 4)**.
- **LeetCode: Max Rating: 1644, 500+ problems solved**, Top **23.14% globally** – Strong DSA proficiency.
- **GeeksforGeeks:** 3-Star, **Max Rating: 1609, 400+ problems solved** – DSA and coding mastery
- **HackerRank:** 5-Star in Problem Solving, **939.11 points**; C++: **272.19 points** – High coding proficiency
- **NIMCET 2023:** Got **AIR-472** out of **30,000+** participants
- **Google GenAI Study Jams:** Certified – AI and machine learning fundamentals.

EXTRA-CURRICULAR ACTIVITIES

- **Technical Head**, SCSE Society (Society of Computer Science and Engineering) : Led and organized **2+ coding contests** with **100+** students participating and **8 problem** sets, fostering a **learning community** for juniors

- **Member**, NSS (National Service Scheme, NIT Jamshedpur) : Managed **NSS events** such as **clothing donations, blood donation camps**, community service projects, social awareness campaigns, and leadership activities.

- **1st** place in college-level chess tournament during graduation. Chess player in NIT **URJA PG Team**