Sandeep Shukla

REWA, Madhya Pradesh

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GitHub | LinkedIn | Portfolio

Education --

- **Master of Computer Application**   **Aug/2021 - Present**
  IPS Academy, Indore (M.P.)   (6.96 CGPA)

Tech Skills --

- **Programming & Data -** C, Python, Pandas, NumPy.
- **Data Analysis & Office Tools** – Advanced Excel, MS Word, MS PowerPoint, Power BI.
- **Database & Backend -** MySQL, MongoDB, PostgreSQL.
- **Tools & Platforms -** GitHub, VS Code, Jupyter Notebook, Vercel.

Projects --

- **NTPC Clipping Portal (During Vocational Training at NTPC Singrauli)**
  Developed a digital media clipping portal with backend logic for secure file handling, role-based access, and process automation to improve efficiency.

- **QR-Restro Website | MongoDB, React.js, Node.js, Express.js, Typescript, Tailwind CSS**
  Built a QR-based restaurant ordering website where customers scan QR codes to view menus, place orders, and make payments. Developed with React, Node.js, MongoDB, TypeScript, and Tailwind CSS for seamless experience.

- **Face Recognition Attendance System (Student)**
  Automated student attendance system using OpenCV and face recognition, reducing manual entry with real-time detection and database integration.

- **Customer Behaviour Project | Python (Pandas), MySQL, Power-BI**
  Analyzed customer purchasing patterns using Python (Pandas) and MySQL, visualized insights in Power BI to identify trends, improve retention, and support data-driven decisions.

Experience --

- **Vocational Training – NTPC Singrauli**   **14ᵗʰAug/2025 – 13ᵗʰSept/2025**
  Completed a one-month vocational training at NTPC Singrauli, where I independently developed the **NTPC Clipping Portal Project**. The project involved designing and implementing a digital portal to streamline internal media clipping workflows, enhancing accessibility and operational efficiency.

- **Teaching – Disha Institute**   **22ᵗʰ Dec/2025 – Present**
  Delivered subject like **Python, NumPy, Pandas, MYSQL, C, Power BI, and Advanced Excel**, focusing on fundamentals, hands-on practice, real-world problem solving, and student performance improvement.

- **Academic & Personal Projects (Last 3+ years)**   **Aug/2021 – Present**
  Developed multiple full-stack and backend-focused projects involving REST APIs, authentication, and data-management.
  Key works include a **QR-based restaurant ordering system**, a **Voice-Controlled AI Assistant (Working)**, and a **personal portfolio website** showcasing modern UI/UX design and project integrations.

Achievements & Coding Profile --

- Solved 80+ Data Structures & Algorithms problems on competitive coding platforms (53 Easy, 22 Medium, 9 Hard)
- Maintained consistent coding streak with focus on problem-solving and algorithmic thinking
- Active contributor on GitHub with multiple open-source project contributions
- Successfully deployed multiple full-stack applications on cloud platforms (Netlify, Render, Firebase)
- Completed industry-relevant projects demonstrating proficiency in MERN stack development

Certification --

Frontend Developer - Great Learning.   **Data Analysis –** Disha institute.
Vocational Training – NTPC Singrauli.