

# Sagar Pandey

Bhopal, Madhya Pradesh

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LeetCode

Portfolio

## EDUCATION

Samrat Ashok Technological Institute, Vidisha

2022 – 2026

B. Tech – Internet of Things - **CGPA - 8.03**

Vidisha, Madhya Pradesh

Gurunanak Mission Higher Secondary School, Maihar

2021 – 2022

Higher Secondary Examination – **91.2%**

Maihar, Madhya Pradesh

Gurunanak Mission Higher Secondary School, Maihar

2019 – 2020

High School Examination – **95.66%**

Maihar, Madhya Pradesh

## EXPERIENCE

SWOC (Social Winter of Code 5.0)

January 2025 – March 2025

Role – Open Source Developer

remote

- Contributed to a large-scale open-source repository with 125+ active members working on “100 Days 100 Projects” initiative.
- Spearheaded the integration of 5+ new APIs and replaced 4 deprecated APIs across three open-source projects, guaranteeing uninterrupted data retrieval for over 1,500+ active users.

Intern at YBI foundation

July 2023 – August 2023

Role – AI-ML trainee

remote

- Optimized data preprocessing and feature engineering, enhancing model accuracy and user satisfaction.
- Explored collaborative filtering techniques and evaluated recommendation performance using precision metrics.
- Applied machine learning algorithms to analyze user preferences and suggest relevant titles from large datasets.

## PROJECTS

Daily Task | [Live link](#) | Next.js, PostgreSQL, Drizzle ORM, Neon Database

2025

- Built a **full-stack task manager** with secure auth, real-time CRUD, and responsive UI using **Next.js** and **Drizzle ORM** with **PostgreSQL**.
- Deployed on **Vercel** with CI/CD and automated **Neon DB migrations**, reducing load time by **35%** and improving query reliability by **30%**.
- Implemented **server-side rendering and static generation** via Next.js, reducing initial load time by **35%**.
- Achieved **100% Lighthouse score** and ensured full **mobile responsiveness** with **Tailwind CSS**.

Mind'Scool | [Live link](#) | React.js, Node.js, MongoDB, Express.js, Tailwind CSS, IDE-VS Code

2025

- Built a gamified mental wellness platform where users grow a “Growth Tree” by completing activities — resulting in a **25% increase in daily task completion** and **30% boost in session duration**.
- Designed a responsive UI with Tailwind CSS, achieving **98% mobile compatibility** across devices (tested on 20+ screen sizes).
- Developed and integrated **10+ RESTful APIs** for user authentication, task tracking, and leaderboard management.

## TECHNICAL SKILLS

- **Languages:** C++, Java, JavaScript (ES6+), Python, HTML5, CSS3
- **Frontend Technologies:** React.js, Next.js, Tailwind CSS, Responsive Design
- **Backend Technologies:** Node.js, Express.js, RESTful APIs, API Integration
- **Databases & ORM:** MongoDB, PostgreSQL, Neon DB, Drizzle ORM
- **Dev Tools:** Git, GitHub, VS Code, Postman, Linux, Canva, Figma

## CERTIFICATIONS AND ACHIEVEMENTS

- **Winner**, Code Conquest 2024 – Outperformed 500+ participants in inter-college coding contest
- **Hackathon Participation:** SIH, TriNIT Hackathon 3.0, Hackoverflow 2.0, Hack the Mountains 5.0, Version Beta 7.0
- **INSPIRE Awardee**, Govt. of Madhya Pradesh – Top 1% in 12th Board Exams
- **Backend Development**, PW Skills (Physics Wallah) – Completed in 2025
- **Programming in Java**, Completed NPTEL's 12-week Java course in 2023
- **Python Programming**, Udemy – Applied ML techniques in practical projects (certified in 2023)