Dhiraj Pandit

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[LinkedIn](#) • [Github](#) • [Codeforces](#) • [Leetcode](#) • [Personal Portfolio](#)

PROFESSIONAL SUMMARY

Software Developer specializing in full-stack development (MERN stack) and Artificial Intelligence. Passionate about solving complex problems and building scalable, high-impact applications. Proven ability to take initiative and deliver results, demonstrated through leading open-source contributions and developing end-to-end projects like a real-time crime tracking platform. Eager to take on challenging roles to develop innovative tech solutions that deliver meaningful change and a seamless user experience for a large audience.

EDUCATION

Bachelor of Technology (Computer Science)   2024 - 2028
Newton School of Technology, Pune   Grade: 8.68/10.0

Intermediate (Class XII)   2022 - 2024
National English School, Kolkata   Grade: 85.0%

Matriculation (Class X)   2012 - 2022
National English School, Kolkata   Grade: 94.2%

PROJECTS

Personalised Academic Tracker ([Github](#)) ([Demo](#))   June 2025
    Personalized Academic Tracker
    A student-focused web app for tracking grades, assignments, and deadlines with smart reminders and progress insights.

- Developed **backend services** using **Node.js, Express, and MongoDB Atlas**, ensuring secure and scalable data storage.
- Implemented **user authentication (JWT bcrypt)** with signup/sign-in functionality and protected routes.
- Built APIs to manage **grades, assignments, and deadlines**, allowing students to organize coursework.
- Integrated **deadline reminders with node-cron and web-push**, enabling users to receive notifications for upcoming tasks.
- Collaborated with frontend teammates to connect APIs with a **React + Vite** client UI and real-time progress dashboard.

CrimeWatch AI ([Github](#)) ([Demo](#))   April 2025

- Developed **CrimeWatch AI**, a real-time crime tracking platform with an interactive crime map, crime rate analytics, and AI-powered safety predictions.
- Designed and implemented a **React + Vite frontend** with TailwindCSS, React Router, React Leaflet, Recharts, and Framer Motion for responsive, interactive UI.
- Built a **backend API** that allows users to **report crimes**, aggregates data, and calculates area-wise crime rates to provide personalized insights upon login.
- Enabled **time-based safety analysis**, showing users which hours are safer or riskier based on reported crime patterns.

Minimus ([Github](#)) ([Demo](#))   April 2025
    TV Show Encyclopedia

- Built a responsive web application using **React.js** to explore and display TV shows by category
- Integrated a **public TV show API** to fetch real-time data including show names, descriptions, images, and ratings
- Focused on responsiveness and performance to ensure a seamless user experience across devices

CERTIFICATIONS

Generative AI for Everyone DeepLearning.AI ([Link](#))   April 2025

- Completed **Generative AI for Everyone** certification from **DeepLearning.AI**
- Learned key concepts of generative AI and its practical applications
- Gained awareness of ethical considerations and responsible AI use

AI For Everyone DeepLearning.AI (Link) March 2025

1. Gained a solid understanding of AI fundamentals, machine learning basics, and their business applications.

2. Learned about AI project management, ethical considerations, and how to communicate AI concepts effectively without technical expertise.

SKILLS

Computer Languages: JavaScript, CSS, HTML, Python
Data Tools: NumPy
Software Packages: MySQL, Express JS, Node.js, React, Prisma ORM, Tailwind, Pandas
Soft Skills: Communication Skills, Presentation Skills, Responsibility, Critical Thinking, Teamwork, Creativity, Time management
Others: Generative AI, Entrepreneurship

EXTRA-CURRICULAR ACTIVITIES

- **Hackathon Participant** – Participated in *Nirman* hackathon at college.

- **100 Days at NST** – Engaged in a 100-day learning and development program.

- **Robotics Workshop** – Built a Robo Car Maze Runner.

- **Summer Open Source Project** – Made the highest and most impactful contribution among participants.