Prasoon Pandey

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EDUCATION

Degree/Certificate	Institute/Board	Year
B.Tech., CSE (AIML)	Noida Institute of Engineering and Technology, Greater Noida	Aug 2022 – June
		2025
Diploma, Electrical	United Group of Institutions, Prayagraj	2022
Engineering		

EXPERIENCE

InnovateitLabs
Software Developer Intern
April 2025 – Present
TamilNadu , India

- Developed and maintained responsive websites using HTML, CSS, JavaScript, and WordPress (custom themes plugins).
- Handled both frontend and backend development, ensuring seamless UI/UX and robust functionality.
- Integrated third-party APIs and optimized website performance for speed and SEO

PROJECTS

· AI-Enabled Mental Health Chatbot

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Tools:Lang Chain, LLaMA-4 (Scout 17B) via Groq API, Gradio, Chroma DB

- Developed a real-time symptom analysis system to provide personalized mental health support and guide users based on their inputs.
- Implemented Lang Chain and LLaMA-4 (Scout 17B via Groq API) for adaptive conversational flow.
- Created a PDF-query processing component using ChromaDB and Gradio, ensuring accurate retrieval of information from over 500 documents.
- Applied prompt engineering techniques to analyze user input context and intent, enhancing response relevance and emotional appropriateness.

Car Rental System

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Tools:React, Node.js, Express, MongoDB

- Developed a reservation and car availability tracking system for managing real-time bookings and preventing scheduling conflicts.
- Implemented MongoDB with schema-based collections for structured rental data storage, achieving a 30
- Created a booking and availability management component, ensuring real-time car status updates and smooth user experience during reservations.

SKILLS

- Programming Languages: Java, JavaScript, HTML, CSS, SQL
- Web Technologies: React.js, Next.js, Node.js, Express.js, Vite
- Databases: MongoDB, MySQL
- DevOps & Version Control: Git, GitHub, Postman

CERTIFICATIONS

- IBM, IBM Certification
- Microsoft Certification

ACHIEVEMENTS

- Hackathon Winner IIT Delhi: Participated and cleared multiple rounds with over 5 challenges
- State-Level Football Player Represented at state-level tournaments

POSITIONS OF RESPONSIBILITY

• Treasurer, Rotaract Club International