Praveen Singh Rawat

+91 8920859827 | psrwt.github.io | praveensingh.connect@gmail.com | linkedin.com/in/praveensinghrawat

EDUCATION

University School of Automation and Robotics　　　　　　　　　　　　　　　　　New Delhi, India
Bachelor of Technology in Artificial Intelligence and Machine Learning　　　　　*Nov. 2022 – July 2026*

EXPERIENCE

CWxAI (cwxai.in)　　　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 2025 – May 2025
Full Stack Developer

- CWxAI is an AI-driven platform that automates startup validation using Retrieval-Augmented Generation (RAG) and real-time data sources
- Led frontend development and user interface design using Next.js, ensuring a responsive and intuitive user experience
- Integrated Razorpay for seamless and secure online payments across global markets
- Contributed to platform growth, reaching 100+ users in 12 countries and generating 230+ reports post-launch

National Informatics Center　　　　　　　　　　　　　　　　　　　　　June. 2024 – July 2024
Technical Intern　　　　　　　　　　　　　　　　　　　　　　　　　　　*CGO Complex, New Delhi*

- Redesigned and modernized the Inspector Tracking System (ITS) using HTML, CSS, JavaScript, Laravel, and MySQL
- Developed a secure authentication system to safeguard access to sensitive data
- Designed intuitive, user-friendly interfaces for both administrative staff and inspectors
- Implemented robust document upload functionality with access control
- Built features for streamlined inspector and admin management, including profile creation, editing, and real-time data updates

PROJECTS

Blog Automation System | *Python, Web Scraping, OpenAI GPT, Google Alerts, Flask*

- Developed an end-to-end automated content generation system fetching trending topics from Google Alerts by scraping multiple sources
- Built an AI-powered pipeline to generate detailed blog outlines, gather relevant links, and summarize content using GPT/Gemini models
- Implemented tone-adaptive drafting and an internal linking algorithm to optimize SEO and user navigation
- Created REST APIs with Flask to deliver processed blog content to the frontend for seamless publishing

API Tester | *Go, HTML, CSS, JavaScript*

- Developed a web-based API tester supporting GET, POST, PUT, and DELETE HTTP methods
- Implemented functionality to save requests in browser local storage and retrieve them on page load
- Displayed detailed response headers and body to assist in debugging and testing APIs
- Built backend in Go with a lightweight frontend using HTML, CSS, and JavaScript

Real-Time Chat Application | *React.js, Node.js, Express, MongoDB, Socket.IO, JWT*

- Developed a scalable real-time chat platform enabling users to securely communicate with multiple online contacts
- Implemented JWT-based authentication for secure login and session management
- Integrated image sharing functionality using Multer for efficient file upload and storage
- Utilized Socket.IO to facilitate instant messaging with real-time updates and notifications

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, HTML/CSS
Web/Frameworks: Next.js, React, Node.js, Flask, Laravel
AI/ML Libraries: TensorFlow, PyTorch, scikit-learn, Transformers (HuggingFace), OpenCV
Databases: MySQL, MongoDB
Developer Tools: Git, VS Code, PyCharm, Postman, Figma, Jupyter
APIs/Integrations: REST APIs, Razorpay, Google Custom Search API, OpenAI API