

# Praveen Singh Rawat

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## EDUCATION

**University School of Automation and Robotics**  
*Bachelor of Technology in Artificial Intelligence and Machine Learning*

New Delhi, India  
Nov. 2022 – July 2026

## EXPERIENCE

### CWxAI (cwxai.in)

Jan 2025 – Present

*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, C, Java, SQL, HTML/CSS

**Web/Frameworks:** Next.js, React, Node.js, Flask, Django, 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