**HIMANSHU SHARMA**

## **PROFESSIONAL SUMMARY**

Highly motivated and results-oriented IoT undergraduate with proven ability to develop and deploy cloud-based web applications, real-time dashboards, and AI-powered tools. Expertise in Python, Django, JavaScript, and cloud technologies (AWS, Docker, Kubernetes). Seeking an internship to leverage

## **CORE COMPETENCIES**

|  |  |  |
| --- | --- | --- |
| in building scalable and impactful software solutions. | SKILLS | Python |
| Django | JavaScript | HTML |
| CSS | RESTful API | AWS (EC2 |
| Lambda | S3) | Docker |
| Kubernetes | Git | LoRa |
| Arduino | ESP32 | MQTT |
| Embedded Systems | Linux | Windows |

## **PROFESSIONAL EXPERIENCE**

**PROJECTS**

**AI** - Powered Resume Analyzer

* Developed an AI-powered tool to analyze and enhance resumes using Google Gemini API, improving user experience by 15%.
* Implemented real-time feedback and suggestions leveraging LLM-powered NLP.
* Supported PDF and DOCX formats using PyMuPDF and python-docx libraries.
* Deployed the application on AWS using Docker and Kubernetes for enhanced scalability.

**Device Management Dashboard (GitHub)**

* Built a LoRa device monitoring system with real-time data charts and alerts, reducing monitoring time by 20%.
* Implemented multi-role login, sensor visualizations, and automated email notifications.
* Deployed using Docker within a virtual machine environment.

**Ch** - bot with Ollama & Django

* Created a privacy-focused chatbot using a local LLM powered by Ollama.
* Enabled real-time conversations using Django Channels and WebSockets, increasing user engagement by 10%.
* Deployed the application using Docker containers.

**Music Mood Streaming App (GitHub)**

* Developed a music streaming app that recommends songs based on mood analysis of lyrics using Hugging Face Transformers.
* Designed an AJAX-based frontend for a seamless user experience and quick playback.
* Deployed the application using Docker.

## **EDUCATION**

Bachelor’s in IoT, Dayalbagh Educational Institute, Agra (2023–2026)  
XII (U.P. Board), M.D. Jain Inter College, Agra (2023)