\*\*HIMANSHU SHARMA\*\*  
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\*\*Summary\*\*  
  
A highly motivated and results-oriented cloud and web development enthusiast with proven experience in designing, developing, and deploying robust web applications, real-time dashboards, and AI-powered tools. Proficient in Python, Django, JavaScript, and various cloud technologies, including AWS and Docker. Seeking a challenging internship in software engineering to contribute to innovative and impactful projects while further developing skills in a collaborative environment.  
  
\*\*Skills\*\*  
  
\* \*\*Programming Languages:\*\* Python, JavaScript, HTML, CSS  
\* \*\*Web Frameworks:\*\* Django, REST API  
\* \*\*Cloud Technologies:\*\* AWS, Docker  
\* \*\*Databases:\*\* (Add any database experience)  
\* \*\*Machine Learning/AI:\*\* Google Gemini API, HuggingFace Transformers  
\* \*\*IoT/Embedded Systems:\*\* LoRa, Arduino, ESP32, MQTT  
\* \*\*Tools:\*\* Git, Tailwind CSS, VS Code, WSL  
\* \*\*Platforms:\*\* Linux, Windows, Virtual Machines  
\* \*\*Soft Skills:\*\* Communication, Teamwork, Problem-Solving  
  
\*\*Experience\*\*  
  
\*\*AI-Powered Resume Analyzer — Deployed in AWS\*\* (GitHub Link) | \*Personal Project\*  
\* Developed a smart resume analysis tool leveraging the Google Gemini API to provide real-time feedback and suggestions, enhancing resume quality and ATS compatibility.  
\* Implemented NLP techniques using the Google Gemini API to extract key information, identify areas for improvement, and generate personalized recommendations.  
\* Supported PDF and DOCX formats using PyMuPDF and python-docx libraries for seamless document processing.  
\* Designed and implemented a modern and intuitive user interface with Tailwind CSS and Animate.css for enhanced user experience.  
\* \*Project Motivation:\* To streamline the resume optimization process for job seekers using AI.  
\*Tech Stack: Python, Django, Google Gemini API, Tailwind CSS, PyMuPDF, Docker, AWS  
  
\*\*Device Management Dashboard — Deployed in Docker in VM\*\* (GitHub Link) | \*Personal Project\*  
\* Designed and built a LoRa device monitoring system with real-time data charts and alerts to enable proactive device management and prevent potential issues.   
\* Implemented multi-role login functionality for secure access control and data segregation.  
\* Developed interactive sensor visualizations and email notifications for enhanced monitoring and timely response to critical events.  
\* \*Project Motivation:\* Explore IoT device management through practical implementation of sensor monitoring techniques.  
\*Tech Stack: Python, Django, JavaScript, Tailwind CSS, MQTT, Docker  
  
\*\*Chatbot with Ollama & Django — Deployed in Docker\*\* (GitHub Link) | \*Personal Project\*  
\* Created a privacy-focused chatbot utilizing a local LLM powered by Ollama to ensure data security and confidentiality.  
\* Enabled real-time conversations using Django Channels and WebSockets for seamless and engaging user interaction.  
\* \*Project Motivation:\* To build a chatbot without reliance on third-party APIs and maintain user privacy.   
\*Tech Stack: Python, Django, Tailwind CSS, JavaScript, Ollama, WSL, Docker  
  
\*\*Music Mood Streaming App — Deployed in Docker\*\* (GitHub Link) | \*Personal Project\*  
\* Developed a music streaming application that recommends songs based on mood analysis of lyrics using HuggingFace Transformers.  
\* Designed an AJAX-based frontend for a seamless user experience and quick playback functionality.  
\* \*Project Motivation:\* Learn the integration of natural language processing within a music app context to enhance user experience.  
\*Tech Stack: Python, Django, AJAX, NLP, HuggingFace Transformers, Docker  
  
\*\*Education\*\*  
  
\*\*Bachelor of Technology in Internet of Things (Expected Graduation: 2026)\*\*  
Dayalbagh Educational Institute, Agra, India  
  
\*\*XII (U.P. Board)\*\*  
\*M.D. Jain Inter College, Agra, India\* | 2023  
  
\*\*(Relevant Coursework: List relevant coursework here e.g., Data Structures and Algorithms, Object-Oriented Programming, Web Development, Cloud Computing, etc.)\*\*