Tejsvi Sharma

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Professional Summary

Enthusiatic and detail-oriented 3rd-year B.Tech student specializing in Data Science and Artificial Intelligence, seeking an internship opportunity to apply my analytical skills and technical knowledge in a practical setting. Eager to contribute to innovative projects and gain hands-on experience in data-driven decision-making.

Education

Greater Noida Institute of Technology **July 2023 – Present**
Bachelor of Technology in Data Science and AI *Noida, UP*

Veerangna Jhalkari Bai Government Girls Polytechnic **July 2020 – June 2023**
Polytechnic in Electronics Engineering *Jhansi, UP*

Technical Skills

Languages: C++, Python, HTML/CSS, Java, SQL
Developer Tools: VS Code, GitHub
Frameworks: Tensorflow, Flask

Relevant Coursework

- Data Structures
- Digital Electronics
- Data Science
- Artificial Intelligence
- Machine Learning

Projects

Hospital Chatbot System | *Python, Tensorflow, NLP, Flask, Dialogflow* **June 2024**

* Developed an AI-powered chatbot system to streamline hospital's EHR system for personalized patient interactions.
* Implemented NLP techniques using [NLP library or API, e.g., Dialogflow etc.] to facilitate human-like conversations for answering patient queries, triaging symptoms, and providing health information.
* Built automated appointment scheduling feature that allowed patients to book and manage appointments, decreased administrative workload, allowing hospital staff to focus on critical tasks.
* Integrated chatbot with third-party systems, such as hospital billing and telemedicine platforms, to provide a seamless user experience.
* Ensured that the system complied with HIPAA and other healthcare regulations for data security and patient privacy.

Gas Leakage Detector System | *Arduino, Sensors* **May 2023**

* Developed a system that continuously monitors the environment for gas leaks using high-sensitivity gas sensors (e.g., MQ-2, MQ-6 for detecting gases like LPG, methane, propane).
* Integrated audio-visual alerts (e.g., buzzer, LED indicators) to notify users of gas leakage in real time, providing immediate warnings to reduce hazards.
* Developed an automatic shut-off feature to trigger the closure of gas valves upon detecting leaks, reducing the risk of fire or explosion.
* Included a sensor calibration feature to adjust the system sensitivity based on environmental conditions or gas type.
* Developed a modular system that can easily be expanded to monitor additional gases or integrate with other smart home systems (e.g., smoke detectors).