Navitha Naralachetty

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EDUCATION:

University of Wisconsin Milwaukee	**Milwaukee, Wisconsin**
Master of Science in Computer Science	**2022 - 2024**
Teegala Krishna Reddy Engineering College	**Hyderabad, India**
Bachelor of Computer Science and Engineering	**2018 - 2022**

TECHNICAL SKILLS:

Programming Skills: C, Java, Python.
Version Control: Git, Bitbucket
Cloud: AWS
Software Tools: Android Studio, Star UML, Unity.
Database Tools: MySQL.
Web Technologies: HTML, CSS.
Data Visualization and Analytical Tools: JMP, POWER BI.
Operating Systems: Windows, Linux.

EXPERIENCE:

- **Web Developer (Backend) Intern | Milwaukee Tools | [06-05-2023] – [08-11-2023]**
    - Led the integration of SonarCloud into Bitbucket, automating code analysis and enhancing code quality and security.
    - Collaborated with cross-functional teams, conducted rigorous testing, and resolved issues to ensure a seamless integration process.
    - Contributed to improving code quality, security, and development efficiency, aligning with organizational goals.
- **Operations Manger at the Union Cinema:**
    - Managed operational aspects of Union Cinema, overseeing house team, staff scheduling, film trafficking, and administrative duties. Ensured seamless cinema operations, collaborated with cross-functional teams, and maintained budget compliance. Provided excellent customer service and addressed patron inquiries for optimal cinema experience.

PROJECTS:

- **Natural Language Inference Using BERT:** Implemented to train the model using SNLI corpus.
    - Estimated the similarities between the two sentences "Premise" and "Hypothesis" and return the labels entailment, Contradiction or neutral.
    - Used two models to compare the accuracy LSTM and BERT models.
- **University Discussion Forum:** To create a university and VISA updates,
    - It is implemented using Python and its framework Flask.
    - Used HTML and CSS to design.
- **Hybrid cryptography Approach for providing Advanced Security on Cloud:** Designed and developed a new outlook.
    - To provide security to the data on the cloud by using AES, DES and 3DES with blowfish algorithm.
    - By the process of encryption and decryption the data stored in the cloud is secured and protected.
- **Access Your Phone without Internet:**
    - Android project called "WANGLE".
    - Any phone with basic SMS feature can be used to access the phone.
    - You can get contact numbers from your phone contacts by sending messages in specific format.
    - SMS can help you change the sound profile, get the location of your mobile also it can screen lock the mobile phone.
- **Chat Bot using NLTK Library:** A User-Initiative Chatbot using Regular Expressions to ask questions to the user.
- **Chat Bot Using Voice XML and IVR platform:** A System-Initiative Chatbot from python to generate the Voice Xml.

PUBLICATIONS AND CERTIFICATIONS:

- Research Paper on "*Hybrid Cryptography Approach for providing Advanced Security on the cloud*" on the **International Journal for Modern Trends in Science and Technology, 8(07): 11-17,2022**.
- **AWS** Certified Machine Learning Specialty 2020
- **AWS** Lambda

PARTICIPATIONS:

- **Event Management Lead – Google Developer Student Club (GDSC) at the University of Wisconsin Milwaukee.**
- Got Selected for **Smart India Hackathon** (2020) – facilitated by *Govt. Of India.*