GEETHIKA LANKIMALLA

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EDUCATION

University of North Texas (UNT), Denton, TX — **Jan 2023 - Aug 2024**
Masters in Computer Science — CGPA: 3.9
Jain (Deemed to-be University), India — **Aug 2018 - May 2022**
Bachelors of Technology in Computer Science and Engineering — CGPA: 9.4/10.00

SKILLS

Programming Languages: C, C++, Java, Python
Front end Technologies: HTML, CSS, JavaScript, jQuery, ReactJS, Bootstrap, Angular
Backend Technologies: C#(.NET)
Database Technologies: MySQL
Operating Systems: Windows, Linux
Tools: VS Code, Eclipse, Anaconda, Android Studio, Jenkins, and Git

EXPERIENCE

Software Developer, ValueLabs, India — **Jan 2022 – Dec 2022**

- Worked as a developer for a project related to health care.
- Participated in the design and architecture discussions to ensure scalable and robust software solutions that meet business requirements.
- Developed server-side logic and APIs using .NET technologies such as ASP.NET, ASP.NET Core.
- Designed and optimized database schemas, wrote efficient SQL queries with databases using Entity Framework tools.
- Experience in writing unit tests to ensure code reliability and quality, also participated in code reviews and collaborated with QA engineers to ensure thorough testing of software components.
- Collaborated with clients to understand their requirements and ensure alignment between technical solutions and business objectives.
- Identified and resolved technical issues, bugs and performance bottlenecks through debugging, profiling, and optimization techniques.

Software Intern, ValueLabs, India — **Sep 2021 – Dec 2021**

- Worked as a software developer intern experience in developing web applications and RESTful APIs. Developed web-based applications using CSS, HTML, JavaScript.

PROJECTS

Smart Spoon for people with Parkinson disease using Arduino Nano
The goal of this project was to keep the spoon always facing up so that the food does not fall while eating. The designed spoon was experimented with and tested, and the results were reliable by forcing the spoon to face up so that the food did not fall from the spoon.

RFID based Attendance system for schools and colleges
The RFID-based attendance system was created with PHP, CSS, and JavaScript and is powered by WIFI. When the individual with the right RFID card swipes his or her RFID tag, the time of arrival is recorded in the system log. When the same individual swipes his/her RFID tag again, the system usually saves it as his/her departure time. The RFID attendance system was built using the IoT platform. To transfer the card UID to the PHP Web app and save data in the website database, we utilized the NodeMCU ESP8266 development board with the MF-RC522 Module.

PUBLICATIONS

- Published a paper for “Smart assistive spoon for people with Parkinson’s Disease” in 2022 13th International Conference on Information and Communications Systems (ICICS).