DHEERAJ KUMAR CIDDA

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SUMMARY

Graduate student in Computer Science looking to work in an organization where there is a creatively challenging environment and where I can utilize my technical abilities and skills to the optimum towards achieving the goals of the organization with human values.

EDUCATION

Texas Tech University   Lubbock, TX

Master of Science, Computer Science - **GPA: 3.6/4.0**   Expected Graduation: May 2019

Kakatiya Institute of Technology & Science, Kakatiya University   Warangal, India

Bachelor of Technology, Computer Science Engineering - **GPA:3.8/4.0**   Graduation: May 2017

WORK EXPERIENCE

Softage Systems   Tallahassee, Florida

Software Intern   May 2018

- Implemented Optimization of search engine in google for a product for better search appearances.
- Developed Web pages using Validation Controls, HTML, Java Script, CSS and Angular.
- Developed Dynamic User Interface, retrieval and posting of data using JQUERY and JSON. Provided validation controls in web forms that are used for input validations.
- Configured Bootstrap for better responsive UI.
- Assisted in developing mobile application for Android using Xamarin and Visual studio in C#, created Top Level View for Xamarin Android.

HCL Technologies   Telangana, India

Technical Intern   October 2015

- Designed and built the architecture of shopping interface for HCL, implemented interface in JSP and Servlets.
- Trained in the field of website development.
- Acquired in-depth knowledge on how the database and server works with some real-time information.

ACADEMIC PROJECTS

Advance Operating Systems   **Texas Tech University**   **Spring 2018**

- Implemented a middle ware called graph partitioner. This middle ware will consist of many graph partitioning algorithms by which the graph can be partitioned into clusters and stored in the distributed database array.
- Partitioning process helps the end users in accessing the graph data which are partitioned according to different partitioning strategies through some specific procedures.
- Designed Breadth First Search Algorithm for the partitioned graph which is across the distributed systems.
- Evaluated the performance of the distributed graph database array against different graph partitioning algorithms by using BFS (Breadth First Search) Algorithm.

Mobile Computing   **Texas Tech University**   **Fall 2017**

- Designed a mobile application which is school exclusive forum that allows users to ask, answer, search, or see questions you've asked.
- Developed the application using Android for the front end.
- Monitored and dealt the application database using Firebase.

Software Engineering   **Texas Tech University**   **Fall 2017**

- Designed a website that can be used as a tool by Universities to manage a ''Student Recruitment'' day where prospective students could sign up to visit campus, attend sessions from many academic and athletic departments, tour the campus, learn how to apply for admission and student aid.
- Developed the website using JSP, Servlets, CSS, Bootstrap, HTML for the front end.
- Monitored and handled the website database using Mongo Db.

Major Project	Kakatiya Institute of Technology and Science	Spring 2016

- Created a website that gives users guidance of their health condition (information about minor health related diseases), book an appointment etc.
- Utilized Microsoft Visual Studio Frame Work, .NET, HTML, SQL and created a database for the website – SQL Db.

Minor Project	Kakatiya Institute of Technology and Science	Fall 2016

- Designed a mobile application which provide interaction between the Students and the Training and Placement Office(TPO).
- Minute to Minute details such as training activities and placement drives happening on the campus can be learnt by the user.
- Utilized Android Studio Frame Work, PHP, HTML and SQL.

THESIS WORK (In Progress)   **Fall 2018**

The research is about "*DMTF Redfish API and its application/integration with Nagios for self-healing and Auto Handling*". Nagios is an Open Source system and network monitoring application. It watches hosts and services that we specify, alerting you when things go bad and when they get better. Redfish API is essentially an out-of-band protocol which is implemented in baseboard management controller (BMC) of the High-Performance Computing (HPC) system. After the integration, Redfish-based plugins for Nagios will be directly communicating to BMC to eliminate the requirement of any agent and configuration on remote hosts. The ultimate deliverable will be passive-check implementation by integrating Redfish API with Nagios and handling of the alerts that are triggered by the hosts.

TOOLS AND TECHNOLOGIES

Web Technologies	ASP.NET, JavaScript, HTML 5, CSS
Languages	Python, JAVA, C, C++, VB.NET, Angular, C#
Database	SQL Server, Oracle
Frameworks & IDE's	Visual Studio, Net Beans, Android Studio, Notepad++, Edit Plus
Operating Systems	Windows(XP/7/8/10), Linux (Ubuntu), Mac OS
Other Skills	Data Structure, GIT

CERTIFICATIONS/MEMBERSHIPS

- Awarded Certificate of Excellence in Rio+21 IYWC India, UNDDD (United Nations Decade For Deserts And The Fight Against Desertification).
- Stood Second in Robo Aqua Drive Competition at YANTRAANG'14.
- Bagged First Place in Robo Soccer Competition at YANTRAANG'14.
- Awarded Certificate of Appreciation in National Level Techno Summit at KU, February 2014.
- Attended Entrepreneurship Awareness Camp(EAC) organized by Entrepreneurship Development Institute of India(EDII)