

# DHEERAJ KUMAR CIDDA

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## DEVELOPER

Specialized in: Front- & Back-End Development, Database Development, Data Analysis and Visualization.

### Education

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**Master of Science, Computer Science (2020)** – Texas Tech University **GPA: 3.717**

**Bachelor of Engineering, Computer Science (2017)** – Kakatiya Institute of Technology and Science **GPA: 3.8**

### Technical Skills

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**Programming:** C, C#, C++, JAVA, Python, HTML, CSS, JavaScript, PHP, jQuery, Angular

**Tools:** ASP.NET, Android Studio, Visual Studio, Anaconda, Omni Update

**Databases:** Microsoft SQL Server, MySQL, PL/SQL, Oracle DB, Influx DB

**Operating Systems:** Windows (XP/7/8/10), Linux (Ubuntu), Mac OS, CentOS

### Professional Experience

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Softage Systems | Tallahassee, FL

#### Software Intern

May 2018 – Aug 2018

- Implemented Optimization of search engine in google and developed web pages using HTML, Java Script, CSS and Angular
- Assisted in developing mobile application for Android using Xamarin and Visual studio in C#, created Top Level View for Xamarin Android

Healthcare Engineering Society | Lubbock, TX

#### Freelance Web Developer

Mar 2018 – May 2019

Collaborated with clients to determine project requirements and provide rapid, robust and client-acclaimed front- and back-end web development optimizing user experience

- Developed a Job portal for Posting, Applying and Searching several health care related jobs
- Developed and implemented advanced SQL queries, stored procedures, views, functions, and custom data types
- Designed features like multi-parameter Job search, Effective and user-friendly way of filling the forms

Texas Tech University – Chemistry Department | Lubbock, TX

#### Graduate Assistant

Sept 2019 – Present

Worked 20 hours/week while managing a full course load

- Manage department web page and database
- Support all department computers (hardware and software) and printers
- Develop, test, analyze, and maintain software applications in support of business requirements.

### Independent Projects

- **Self-Healing of Data centers using Nagios Core and RedFish API** – Integrated Nagios Core with Redfish API and enabled passive monitoring. Forecasted CPU Temperature at cluster level, predicted the severity levels and used self-healing methodology to solve the temperature problem
- **Graph Traversal in Distributed Systems over a Graph Database Array** – Implemented a middle ware called graph partitioner, designed BFS (Breadth First Search) Algorithm for the distributed graph database array
- **E-Medication** – Used Machine Learning algorithms to diagnose user health condition (information about minor health related diseases) and created a webpage for easy appointments to visit doctors

### Achievements

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- Awarded competitive China Service Graduate Scholarship for two consecutive years 2018 and 2019.
- Elected the Webmaster for the India Student Association at Texas Tech University for 2018-2019.
- Awarded Certificate of Excellence in Rio+21 IYWC India, UNDDD (United Nations Decade for Deserts and The Fight Against Desertification)