Krishna Mohan Pitchikala

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EDUCATION

The University of Texas at Dallas   **May 2021**
M.S., Computer Science.

Gayatri Vidya Parishad College of Engineering   **April 2018**
B.Tech., Electronics and Communication Engineering.   Percentage: 77.12

TECHNICAL SKILLS

Languages: C, C++, Java, SQL, PL/SQL, R, Python.

Web technologies: HTML, CSS, JS, jQuery, Bootstrap, Ajax, PHP, Node.js.

Bigdata technologies: Hadoop, Spark, Scala, PySpark, Hive, HBase, Impala, Kafka.

Databases: MySQL, MongoDB.

Certifications: Data Science, Python, Web Development.

Operating Systems: Windows, Linux, MacOS

PROJECTS

Text Summarization:
- The goal of this project is to generate a summary for a given content to solve the problem of condensing information for large text files.
- Technologies Used: PySpark, AWS, Spark.

Stock Market Website:
- Designed a website for stock market which has options of selling, purchasing, watching the trends of a selected stock along with the analytics on the stocks purchased. The value of stocks is listed from API call.
- Technologies Used: HTML, CSS, Bootstrap, JS, jQuery, Ajax, PHP, SQL.

Name Generation using RNN:
- Recurrent neural network is designed to generate new words relative to the words that are fed to the neural network. Gradient clipping technique is implemented to overcome gradient exploding in the recurrent neural network.
- Languages used: Python.

Library Management System:
- Developed a web application for librarian through which he/she can issue books for the students, check the present fines, and cleared dues of the students. Students can search for different books based on the genre or author in the library database.
- Technologies Used: HTML, CSS, Bootstrap, PHP, MySQL.

PROFESSIONAL EXPERIENCE

Teaching Assistant, UT Dallas:
- Graded assignments, exams, academic projects and tutored students for Discrete Mathematics and Algorithm Analysis courses.

Lead Student Instructor:
- Worked as a lead student instructor in tutoring Discrete Math and JavaScript under UTD educational initiative CS outreach.

LEADERSHIP & ORGANIZATIONS

- Cultural Head – Dept of ECE, GVPCOE   Nov,2014 – May,2018

ELIGIBILITY: Eligible to work in the U.S. for internships and for full-time employment for up to 36 months (STEM only) without sponsorship.