SAI SRIKRISHNA TEJA
GUDIMETTA

+1 (316)-618-3760
gudimetta.krishnateja@outlook.com
www.linkedin.com/in/krishna-teja-706a07139

OBJECTIVE

Tech Enthusiast seeking full-time opportunities, interested to learn new technologies, develop and improve robust applications by collaborating with professionals and emerge as a leading Software Engineer. Skilled to negotiate and lead teams, strong in math logic and programming.

EDUCATION

MS- Computer Science | University of Texas at Arlington **CGPA: 3.25**
MAY 2020

B. Tech- Computer Science| Keshav Memorial Institute of Technology
MAY 2018

INTERNSHIP

Intern | RCI DRDO
NOV 2017– MAY 2018
Worked as an intern at RCI DRDO, a Central Government organization, and a part of Ministry of Defense of India. My job was to Train the algorithm by sanitizing the data set and removing anomalies. The challenging part was that the data set had few redundancies which had to be removed. Trained model accuracy was expected to have a minimum of 88%. Had to train multiple models for the required accuracy. Task was accomplished using OpenCV library in python. Performed in Anaconda, an open-source distribution of python.

TECHNICAL SKILLS

Languages & Scripts:	Java, Python, C, C++, C# Scala, MATLAB
Application Servers:	Apache Tomcat
IDE-s/Text editors:	Eclipse, Visual Studio, Eclipse, Git, IntelliJ, Latex, PyCharm, WinScp
Operating Systems:	Windows, Linux
Web Technologies:	HTML, CSS, JavaScript, PHP, React JS, JSP, Bootstrap, JQuery
XML Web Services:	XML Schema
Frameworks:	MVC, Spring MVC, Django, Codeigniter
Databases:	MySQL, Oracle DB, MS SQL, IBM DB2
Development tools:	SVN, Git
Testing Tools:	Junit, JaCoCo, PIT Mutation Testing
Scripting languages:	Unix-shell scripting
Big Data Tools:	Hadoop, MapReduce, Spark, Pig, Apache Hive, GraphX, HDFS
Cloud Tools:	Azure, AWS

EXPERIENCES

- **PHONEBOOK APPLICATION WITH INPUT VALIDATION**
  Duration (04/2020)
  Objective- To produce a command-line driven telephone listing Python that is capable of receiving and storing a list of people with their full name and telephone validates its input using regular expressions.

Key Contributions:

- This application manages information about the people and their phone numbers.
- Responsible for creating the application from scratch.
- Designed the application capable of handling SQL Injection attack.
- Used light weight Python Database API – SQLite3 to perform all database operations.
- Responsible for creating, reading, updating and deleting tables in the database as per requirements.
- Facilitates the ACID properties to a disk-based database.

Technologies used – Python3, **SQLite3** for database operations.

- **MAC Reserve System**
  Duration (02/2019 – 04/2019)

  Objective- To create an online management system to implement MAC (Maverick Activities Center) at our University. The entire website was built from scratch. It Enables three types of users- Admin, Facility Manager and User to register, login, make multiple reservations of various facilities, make payment, cancel reservation based on their requirement. Entire project was based on MVC architecture.

  Key Contributions:
  - Developed User Interface using **JSP, Java Script, HTML**, and **CSS**.
  - Used **Tomcat Apache** server for deploying the application.
  - Developed the view components using **JSP, HTML**.
  - Responsible for creating, reading, updating and deleting tables in the **SQL** database as per requirements.

  Technologies used- HTML, CSS, JavaScript, Apache Tomcat, JSP, SQL DB for Database.

- **Pet Store Management System**
  Duration (09/2018 – 12/2019)

  Objective- To create an online management system similar to an E-commerce website where users can register, login and make appointments based on their requirement. Entire project was based on MVC architecture.

  Key Contributions:
  - Developed the view components using **JSP, HTML**.
  - Responsible for creating, reading, updating and deleting tables in the **SQL** database as per requirements.
  - Developed User Interface using **JSP, Java Script, HTML**, and **CSS**.
  - Used **Tomcat Apache** server for deploying the application.

  Technologies used- HTML, CSS JavaScript, Apache Tomcat, JSP, SQL DB for Database.

- **Client Server Chat Application using Sockets**
  Duration (1/2019 – 2/2019)

  Description- Sending messages from client-client via server. Messages are encoded in HTTP and sender can send messages either to one client or multiple clients simultaneously in One-to-One mode or One-to-Many mode as per requirement. The entire application uses Tkinter GUI for Clients and Server.

  Key Contributions:
  - Used Sockets to communicate between several clients and the messages are encoded in HTTP.
  - Server notifies each connection from a client.
  - Inter Process Communication and Thread Synchronization among multiple threads is maintained.
  - Concurrency and Multithreading among several clients connected to server.
  - The entire GUI of the application was built using tkinter.

  Codebase- Python.

- **Water Valve Automation using IOT**
  Duration (2/2018 – 4/2018)

  Description- Automated watering of plans with an intent to conserve water. This was done using a soil moisture sensor which senses the amount of moisture present in the soil. Calibration was done using Arduino Uno board and the power supply was regulated using a Relay module.

CERTIFICATES

- Received Tableau Developer and Analyst official badges.
- C, Python Programming courses offered by Udemy.
- Basics of Machine Learning using Python offered by Udemy
- Attended iOS Application Development Workshop by Path Creators.

CO-CURRICULAR ACTIVITIES

- Participated in National Cadet Corps Annual Training Camp in 2010.
- Member of Street Cause, Hyderabad, 2014.
- Volunteered at the Hyderabad Comic con at Hitex Exhibition Center, Telangana, Hyderabad
- Won a Cricket tournament held at the University of Texas at Arlington during the Fall Semester 2018.