RISHITA ELAGANTI
reddyrishitha30@gmail.com
https://rishithareddye.github.io/portfolio/

SUMMARY

Motivated software engineering, currently enrolled as a computer science graduate student in Texas State University and an undergraduate from Jawaharlal Nehru Technological University - Hyderabad with internship experience in software development and cyber security. I've built multiple personal projects to understand the practical use of the technology and Freelanced a few projects to support local businesses. I am looking for an opportunity where I can scale-up my skills and abilities to contribute to Research and Development in science and engineering fields.

EDUCATIONAL QUALIFICATIONS

Examination	School/College	Board/ University	Period of Study
Master of Science – Computer Science	Texas State University	Texas State University	2021-Present
Bachelor of Technology - Computer Science Engineering	G. Narayanamma Institute of Technology & Science (GNITS)	Jawaharlal Nehru Technological University - Hyderabad (JNTUH)	2015-2020
Intermediate	Narayana Junior College	Board of Intermediate Education, Telangana	2013-2015
Class 10	Narayana Olympiad School	Board of Secondary Education, Telangana	2013

SKILL SET

- **Programming Languages:** C, C++, Java, C#, Python, Hadoop, Android, TypeScript, JavaScript
- **Web Technologies** : HTML 5, CSS3, JavaScript, PHP, ASP.net, Express.js, Angular, Node.js, React
- **Tools** : Android Studio, NetBeans, MIT App Inventor, Visual Studio, Visual Studio Code, SQL Workbench
- **Database** : MYSQL (Maria DB), Firebase Realtime DB.
- **Operating Systems** : Windows, LINUX

Graduate Research Assistant, Sex Trafficking Research Project under School of Criminal Justice and Criminology, Texas State University. A proof of concept and lay the foundations for the development of an online registry accessible to law enforcement (LE) to assist them with the identification of known indicators of human trafficking. I have worked to provide Dataset from multiple websites by scrapping the web pages using **Selenium** and **Scrappy**. Written in Python. Provided a Dataset by scrapping more than 750 pages which had mechanics to identify the scrapping. Performed scrapping without being detected.

Graduate Research Assistant, Elderly food delivery Research Web Application under College of Computer Science, Texas State University. I have used the Angular for Web page development. This application basically allows to sign up and refer to Meal Ordering App. This App integrates with Restful API to communicate with the database and also integrates with 3rd party systems which provide/deliver App.

Related Training

- Worked in the field **of Ethical Hacking & Cyber Security** in a project-based internship conducted by IIT Hyderabad (19th May-17th June 2018).
- Attended a training and internship program on **Machine Learning with Python & IBM SX** (June 2018 to July 2018).

Academic Mini Project: Developed an **android application** named **Diabetes Management System** which helps in identifying whether the person has diabetes or not, if the person is predicted to be diabetic then the application suggests for maintaining normal health by guiding user proper diet, exercises and reminders for medication and lifestyle modifications etc

Academic Major Project: Developed an **android application** named **Personalized Healthcare Monitoring for Diabetes Patients** which helps in identifying whether the person has diabetes or not, if the person is predicted to be diabetic, then the system suggests the measures for maintaining normal health by guiding the user with proper diet, no. of steps to walk and number of calories the user needs to intake based on the type of diabetes. It provides a module where users can enter his/her food intake details using which calorie count is calculated and alerts them when their fat or carbohydrate intake is higher than required.

Machine Learning Project: Developed a machine learning model which predicts the occurrence of Diabetes.

Hobby Projects:

- Built a **Express.JS** based **Secure** REST API for managing personal expense to know more about **REST API's** and its implementations. This application is served over **Node.js server**.
- Built a simple **Java UDP** chat UI application to understand **Socket Programming** in Java, which can be used

for stateless communication.

- Designed **Angular** Website for Offset Printing Press to manage their orders online. Built using **Angular and Google Fire-Store DB**.
- Built an Ecommerce website using **PHP and HTML and CSS** to learn the Web Application Implementations.
- Designed a website for availability of study materials of B.Tech. subjects like C, Java using **CSS, JavaScript and HTML**.

ACHIEVEMENTS

- **Certification of Completion** of **Git Complete: The definitive, step-by-step guide to Git** on April 26, 2020, by Udemy.
- **Certification of Completion** of **Angular Front to Back** on August 7, 2017 by Udemy.
- **Certification of Completion** of **Learn Python Programming Masterclass** on August 2, 2020, by Udemy.
- **Certificate of Appreciation** for **Volunteering** in Celebrations of **Vimshathi** at GNITS (2017).
- **Certificate of Appreciation** for **Volunteering** in **International Women's Day** Celebrations at GNITS (2017).

CO-CURRICULAR ACTIVITIES

➢ **Paper Presentations**
- Presented a **Paper** titled **Envisaging Ovarian Cancer Using Machine Learning**, under IEEE, at GNITS (2018).
- Presented a **Paper** titled **Prognosis of Diabetes Using Data Science**, at Vasavi College of Engineering (2018).
- Presented a **Paper** titled **Virtual Reality**, at GNITS (2016).
- Presented a **Paper** titled **Cyber Security**, at GNITS.

➢ **Workshops /seminars Attended.**

- Attended a workshop on **Machine Learning**, at GNITS (2018).
- Attended a workshop on **Developing Smart Applications Using IOT**, conducted by GNITS (2018).
- Attended a guest lecture on **Cloud Computing**, at GNITS (2017).
- Attended a workshop on **Robotics**, conducted by Path Creators, at GNITS (2015).

➢ **Programming Contests**

- Participated in **Reverse Coding**, at GNITS (2017).
- Participated in **Technical Quiz**, at GNITS (2017).

EXTRA CURRICULAR ACTIVITIES

- **Coordinator** of **Cybersuds**, at GNITS (2016-2019)
- **Member of Persona-Dramatics Club**, at GNITS (2016-17)
- **Member** in the **Rotaract Club** of GNITS (2016-2017)
- Participated in **Guess Who** conducted by Literary Club, at GNITS (2017)
- Participated in **Group Discussion** conducted by Literary Club, at GNITS (2017)
- Participated in **Tech Fest**, conducted by JNTU - Hyderabad (2016)