

MONESA THOGULUVA JANARDHANAN
9547 University Terrace Drive, Apt G, Charlotte, NC 28262
Phone: (704)-345-1586 Email: mthogulu@uncc.edu
Github – <https://github.com/monesa-git>
Website – <https://webpages.uncc.edu/mthogulu>
LinkedIn – <https://www.linkedin.com/in/monesatj/>

Computer Skills

Programming Languages:	Java, Python, C, C++, PHP, SQL
Web Technologies:	HTML, JavaScript, CSS, Bootstrap, JSP, Hosting methodologies, SSL
Frameworks:	Spring Framework, Apache Struts, Web Framework – Angular
Databases:	MySQL, MicrosoftSQL, Oracle, PostgreSQL, SQLite, Firebase
Tools:	Git, JIRA, Postman, Bitbucket, Owncloud, Redmine, Zoho Sprints, phpMyAdmin
Courses:	Mobile Application Development (Java, Firebase, SQLite), Knowledge Discovery in Databases (Java, WEKA), Machine Learning (Python), Artificial Intelligence(Java)
Currently Learning	Advanced Mobile Application Development (Android), Network Based Application Development(Node js), Computer Vision (Matlab), Natural Language Processing (Python)

Education

Master's in Computer Science , University of North Carolina at Charlotte (GPA:4/4)	May 2021
Bachelor of Engineering, Computer Science , College of Engineering, Guindy - India (GPA:8.17/10)	May 2016

Professional Experience

- Project Coordinator | Meritech Co., Ltd | Tokyo, Japan** July 2017 – November 2019
- Worked on Mobile Network Measurement application which analyzes different RAT Types [5G(NR), LTE, WCDMA].
 - Worked as a full stack developer on 2 major health care web application.
 - Acted as a point of contact to the clients in the meetings and communicated project status adequately to all the participants.
 - Used Project Management tools like Redmine, JIRA, Zoho Sprints to monitor working hours, plans and resources spent.
 - Worked with the development team to help them understand the project specification and answered queries when needed.
 - Recommended Architectural improvements and design solutions.
- Trainee Engineer | IVTL Infoview Technologies Pvt Ltd | Chennai, India** July 2016 – May 2017
- Worked as a full stack developer on a web application which is based on the management of human resources.
 - Developed three web screens by following coding standards and familiar with oracle database and slickgrids.
 - Assisted seniors in various development and also helped them in solving bugs.
 - Provided guidance and technical expertise and training to the junior team members.
 - Worked on front end development of a Point of Sale software.

Projects

Anshinnet | Java, AWS

Web based health management system that analyzes and monitors the health care information of residents. Developed new screens and updated the project based on Client's request. Managed the team working under this project.

Sigma PA | C#, PostgreSQL, Qualcomm ICD, Advanced Installer, Sci charts

Sigma-PA is a Windows-based platform that processes and analyzes network log data acquired by Sigma-LA/Sigma-ML/QXDM and other drive test tools and network logging tools. Worked on the decoder part by working with RF engineers and was responsible for all the release of new versions to the customers. Managed the team working under this project.

Main Character Identification | Java, Natural Language Processing Algorithms

Implemented a Main Character Identification from the given short story using Natural Language Processing Algorithms such as Tokenizer, POS tagger, Number gender agreement, Anaphora Resolution in Java.

Centra SD | C#, Angular JS, Microsoft SQL, html, CSS

Centra-SD consolidates the network performance of a mobile phone data into a single server and displays the performance in an intuitive UI. Worked on frontend part. Worked with the development team to help them understand the project specification and answered queries when needed.

Random Combining Of Medical Signatures To Identify Diagnosis | Java, Jframe, JFreeCharts

The aim of this system is to find the effective treatment with less or no side-effects in both Allopathy and Ayurveda for the identified disease by analyzing the symptoms of the user's query. This is my final year undergrad thesis project.

Covid-19 spread in USA | Python, Machine Learning Algorithms, Linear, Multiple Regression, Ensemble Learning.

The aim of this project is to use various Machine Learning algorithms to analyze the way the disease spread in the United States (US) and what factors had a likely effect on the disease over various time periods. Please visit my github link to learn more about this project.

<https://github.com/monesa-git/Machine-Learning/tree/master/Brief%20analysis%20of%20the%20COVID-19%20spread%20in%20the%20United%20States>

LivOn | C#, Angular JS, Mongo DB, html, css

LivOn promotes a trustable wireless monitoring system for seniors and persons with disabilities (PWDs). LivOn uses several activity detector data and analytical algorithms to serve related caregivers and organizations. Developed new screens and updated the project based on Client's request. Managed the team working under this project.

Meritech Official Website | php, phpMyAdmin, MySql

Built, hosted, added SSL and managed Meritech's official website.