

SARATH SRI SAI CHENNU

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Education

University of North Carolina Charlotte

Aug. 2022 – Dec 2023

Master of Science in Computer Science

GPA : 3.84 / 4.0

T.K.R College of Engineering and Technology, Hyderabad

Aug. 2018 – June 2022

Bachelor of Technology in Computer Science

GPA : 3.38 / 4.0

Relevant Coursework

- Data Structures
- Software Engineering
- OOPS
- Database Management
- Mobile Application Development
- Computer Networks
- Analysis of Algorithms

Experience

University of North Carolina Charlotte

Aug 2023 – Dec 2023

Graduate Assistant

Charlotte, NC

- Developed Backend Services for internal application using Spring Framework.
- Developed a service using JUnit to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Utilized Jenkins to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per week.
- Automated Grading using JUnit and to Grade the Student Projects and reduced the false positives by 10%

Maanvi Pvt Ltd

Apr 2021 – Jun 2021

Front End Developer Intern

Hyderabad, India

- Assisted in development of the front end of a web application which is built with React JS.
- Worked with Google Firebase to manage user inputted data across multiple platforms including web apps
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

Projects

Developers Library App | *Spring Boot, React JS, My SQL*

June 2023

- Developed a library application using Spring Boot where users can browse and search for books, add books to their wishlist, and check out books from the library.
- Used React on the client-side application and consumed REST APIs to render the JSON data swiftly.
- Utilized Spring Data JPA to retrieve data from My SQL.
- Implemented Reusable React Components to render client-side application.

Souvenir Store App | *Java, Android Studio, FireBase*

April 2023

- Implemented Authentication using google firebase.
- Rendering data by calling API and Implemented Cart functionality by using CRUD on the Firebase.
- Used Multiple interfaces and design patterns like Builder, Factory Method, Adapter etc in java.

Manga Store | *Node JS, Express JS*

January 2023

- Created a web application which retrieves manga books based on genres from a store which are available and displays.
- Uses ExpressJS and NodeJS and implemented Restful Routes throughout application and mounted the middleware.
- Included stock management dashboard for store owners to update the stocks to users accordingly.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL

Cloud Skills: Google Cloud Platform, AWS

Technologies/Frameworks: Spring Boot, Jenkins, GitHub, JUnit, ReactJS, Bootstrap, Angular

Leadership / Extracurricular

Google Developer Student Club

Aug 2021 – June 2022

Mentor/ Member

T.K.R.C.E.T

- Participated in 30 days of google cloud and obtained hands on learning experience by completing Cloud Engineering and Data Science - Machine Learning Tracks of GCP (Google Cloud Platform.)
- Mentored peers and Juniors towards the completion of the Cloud Engineering track.