

VENKAT SAI JARUGULA

☎ 660-528-1431 ✉ jarugulavenkat7@gmail.com 🔗 <https://www.linkedin.com/in/venkat-sai-jarugula/>

Education

Northwest Missouri State University

Master's in Applied Computer Science

January 2021 – Present

Maryville, MO

Malla Reddy Engineering College

Bachelor's in Mechanical Engineering

September 2014 – May 2018

Hyderabad, India

Technical Skills

Languages: Java, JavaScript, TypeScript

Developer Tools: Eclipse, Visual Studio Code, STS, NetBeans, Android Studio, Jenkins, Docker, Git

Database: Oracle, MySQL, PostgreSQL, MongoDB

Web Technologies: HTML, CSS, Bootstrap

Frameworks: Angular, Spring Framework, Hibernate Framework, JUnit, Apache Storm

Mobile Computing: Android

Experience

Graduate Assistant

June 2021 – Present

Northwest Missouri State University

Maryville, MO

- Working as a graduate assistant in the computer science department for the courses Database Systems, Web Apps and Android.
- Assisting students in debugging complex SQL queries, android and web applications.
- Conducting help sessions during office hours, assisting professor during in-class lectures and providing one-one tutoring sessions.

Senior Systems Engineer

August 2020 – Jan 2021

Infosys Limited

Pune, Maharashtra

- Used SPel expressing language to process and manipulate the messages (XML) received from the upstream applications and send them to downstream applications.
- Developed an application to parse the XMLs and JSON files received from the upstream and prettify them.
- Converted the Stateless application to stateful by persisting data in the oracle database using JDBC.
- Developing, Containerizing, and Deploying applications into AWS EC2 with continuous integration using Docker, GIT, and Jenkins.

Systems Engineer

July 2018 – August 2020

Infosys Limited

Pune, Maharashtra

- Worked on different layers of Spring MVC architecture such as Spring - Controller, Service and Repository classes.
- Worked upon Services, Components and Routing in Angular.
- Wrote Rest-Controller w.r.t RESTful standards in Spring MVC to connect model with view.
- Persisted the data in MySQL database using Spring Data JPA.
- Developed RESTful web services using Spring Boot and collaborated to work with Microservice architecture.

Projects

The Resume Maker Application | *Spring Boot, Angular, MySQL*

January 2021

- For Supporting students and job aspirants, this is an online web application that provides ability to build a resume by using the existing HTML templates. The user can create multiple resumes and will be able to retrieve and download the resume whenever needed. This web application is created by using Spring Boot, Angular, Bootstrap and MySQL.

XML and JSON Prettifier Application | *Spring Boot, Angular*

November 2020

- This web application is very useful for the developer who regularly works on XMLs and JSONs. This application can prettify the XMLs and JSONs on a button which increases readability. This application is developed using Spring Boot and Angular frameworks.

Dr Assist - Health Prediction Application | *Android*

October 2020

- Dr Assist is an Android Application with the primary focus of helping the users to calculate and self-check the various health-related aspects. The entire programming is done in Java, and the user interface was developed using XML.

Leadership / Extracurricular

Infosys Limited

Senior Systems Engineer

- Received Employee of the quarter Award in Feb & June 2020 at Infosys for on-time delivery of results without defects for projects with tight deadlines.
- Selected as a mentor to train and transfer knowledge to juniors and peers about client applications.