SHIVA PRASAD REDDY KATTA

• (682) 240-3270 • shivaprasadreddy.katta@gmail.com • My Portfolio

---

Education:

University of Texas at Arlington, TX | Aug 2018 – Aug 2020

Master of Science in Computer Science(GPA 3.4)

Relevant Coursework: Web Data Management, Machine Learning, Neural Networks, Cloud Computing, Data Mining, Design and Analysis of Algorithms, Software Engineering and Principles

Technical Skills:

Java, Python, SQL, Spring, Spring Boot, JPA, Hibernate, HTML, CSS, JavaScript, Amazon Web Services, RESTful Web Services, JSON, Microservices, Docker, Git, Microsoft Visual Studio, MySQL Workbench, Eclipse, IntelliJ.

Professional Experience

University of Texas at Arlington, TX | Oct 2019 - Mar 2020
Software Application Developer

- Worked as backend developer assisting my team in developing a web-based application. Followed agile methodology.
- Involved in implementation of Spring MVC and Spring Controller. Implemented as well as exposed web services using REST and documented them using Swagger.
- Configured and tested the application with database server MySQL. Worked with QA team on daily basis in fixing the reported bugs.

Smart IMS, India | Jan 2017 – Jun 2018
Junior Java Developer

- Implemented system redesign by changing core functionality using Java Spring and Java Hibernate framework.
- Integrated Spring DAO with Hibernate ORM for performing persistent operations into databases like MySQL.
- Used Maven for dependency injection for RESTful Microservices.
- Worked in CI/CD environment using tools like Jenkins, Docker, and GIT for version control.
- Worked extensively with clients to incorporate change requirements.

Accomplishments/Projects | View Projects

Trucker

- Developed a microservice based REST application and deployed on AWS. Used Docker for containerization.
- REST end points were developed to ingest data from a mock sensor which pushes vehicle and weather data every minute.
- All the consumed data was stored in a MySQL database and when certain rules are triggered appropriate alerts were created.
- Developed the ability to send notifications to the user using AWS SNS and SES when high alerts are triggered for a vehicle.

Sorting Visualizer

- Developed a web application that visualizes popular sorting algorithms like bubble sort, insertion sort, merge sort, etc.
- The app is developed using HTML, CSS and JavaScript and is deployed on firebase.