SAI SARATH KARRA

Contact No: +91 8328512611 Current Location: Bangalore

Email id: saisarath88@gmail.com Current Designation: Software Engineer

**PROFESSIONAL EXPERIENCE**

* Competent IT full stack professional with 2.7 years of experience in Software Development Projects primarily in **Spring Boot/Java and Angular** technologies.
* Having Good knowledge on Java Core and Spring core concepts.
* Good working exposure on **Spring Hibernate ORM**, **JPA**, **and logging.** Good experience in developing applications with RESTful Web Services**.**
* Have worked on implementing **Caching** and **Exception handling** for the services.
* Having Good hands-on experience in UI Development Technologies by developing **Single Page Application** (SPA) using Angular, HTML, CSS, Java Script, Bootstrap, etc.
* Having Good knowledge on Angular core concepts such as data binding, Routing, communication between components, Pipes, lifecycle hooks and Directives etc.
* Have worked on writing **JUNIT** test cases for code coverage.
* Involved in continuous code integration process in Jenkins.
* Experienced in working with **AGILE** methodology.

**TECHNICAL SUMMARY**

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## Languages : Java, HTML, CSS and Java Script

**Frameworks :**  Spring Boot, Spring MVC and Angular

**Tools :** SQL Developer, VS Code, Eclipse, IntelliJ, Tortoise Git

**OS :** Windows

**EDUCATION**

**Sree Vidyanikethan Engineering College Andhra Pradesh, India**

**Electronics and Communication Engineering May 2020**

**CERTIFICATIONS**

# Mphasis Certified Java Microservices S1

1. Mphasis Certified Angular 15

**PROJECT DETAILS**

## Project : Preference Center (SEP 2021 – FEB 2022)

**Company :** Mphasis

**Client :** FedEx

**Location :** Bangalore, India

**Role :** Associate Software Engineer

**Project Description:**

Preference Center is client faced application to configure other applications like ESTAR to set preferences based on Location/Country. Legacy Preference Center application is in Ice faces version so, we modernized to Angular spring boot application.

## Overview:

* + Involved in back-end development using Spring Boot and postman.
  + Implemented REST controller in Spring Boot framework to create RESTful Web Services to be consumed by front-end services.
  + Involved in Creating Persistence layer by implementing DAO interface and classes by interacting with MySQL database using Hibernate (JPA and JPQL) and Object Relational Mapping.
  + Implemented Service layer to write business logic and validations.
  + Involved in Writing junit test cases using Mockito for the services.
  + Involved in creating various UI pages for showing application data using HTML, CSS and Angular.
  + Making HTTP requests to the backend end points for fetching the data from backend database or for updating the backend database and other processes.
  + Involved in implementing routing, pipes, services, stores, models etc. in UI using angular.

## Project : Crew Pay (Airlines) (Mar 2022 – Till Date)

**Company :** Mphasis

**Client :** FedEx

**Location :** Bangalore India

**Role :** Software Engineer

**Project Description**:

Crew Pay application is used to calculate payment of pilot based on multiple factors. There are more than 300 different rules which can impact pilot payment. For rule implementation and in house tool Rule Engine was used to manage list of all rules and sequence of execution. FOIS (Flight Operation Input System) is the source system which is responsible for generating initial data like flight start/end time etc. This information is feed into Crew Pay using JMS Queue. Main goal of application was to calculate final minutes for each flight and send those details to payroll department for further processing. Also worked on mismatch report which is used to compare the Crew Pay rules calculation with FOCUS (legacy) application.

## Overview:

* + Involved in requirements gathering, analysis, high-level and low-level design.
  + Involved in fixing Production issues for crew pay mismatch application.
  + Implemented REST controller in Spring Boot framework to create RESTful Web Services to be consumed by front-end services.
  + Involved in implementing services for calculating pilot pays.
  + Implemented Centralized Logging using Filters and Spring Aop for logging methods and Http request and response codes.
  + Involved in Implementing Caching using Redis Cache.
  + Involved in Implementing Exception Handling for the services.
  + Involved in creating various UI pages for showing application data using HTML, CSS and Angular.
  + Making HTTP requests to the backend end points for fetching the data from backend database or for updating the backend database and other processes.
  + Involved in implementing routing, pipes, services, stores, models etc. in UI using angular.

**PERSONAL DETAILS**

## Name: Karra Sai Sarath Nationality: Indian

**Gender:** Male

**Marital Status:** Unmarried

**Languages Known:** English and Telugu

## Sai Sarath Karra