

+91 8939288165
vishaljun98@gmail.com
Plot no.3, Flat F1, Sri Sai Homes,
Venkatachalam Nagar, 2nd Main
Road, Thirumullaivoyal,
Chennai – 600062.

Vishal M

Professional Profile

Software Developer with 4+ Years of Experience

- Working as a **Software Developer** in Capgemini.
- Key Skills include **Core Java, Java Spring Boot Micro Services, PostgreSQL, MySQL, UiPath Studio**
- Hands-on experience in **Java Spring Boot Micro Services**
- Hands-on experience in unit Testing with **Junit and Mockito**.
- Capability to Upgrade **new skills**.
- Focused & goal-driven with combination of technical knowledge and excellent problem-solving, multi-tasking and time management skills.

Areas of Expertise

- **Skills:** Core Java, Java Spring Boot Microservices, JPA Hibernate, Git
- **Database:** PostgreSQL, MySQL
- **IDE's and Tools:** Eclipse, STS, IntelliJ, Postman, UiPath Studio(Community Edition)

Professional Experience

Capgemini Technology Services India Limited (23rd May 2019 to Present)

Certification

- Java Backend Development with Core Java, Spring Boot, JPA Hibernate, REST Template, PostgreSQL, Postman(Internal)
- RPA Developer Foundation Certification (Internal)
- Automation Engineering Practitioner Certification (Internal)
- Automation Testing with Selenium (Internal)

Work Experience

The details of various IT projects that I have been involved and have handled are listed here, in chronological order.

Product: Fieldwork - DevOps 2019

Role: Form Author

Description: This project deals with digitization of the manual maintenance reports of wind turbines across the globe. It enables the user to track the observations and record them as a digital record by the means of "Forms". The project is also involved in creating troubleshooting guides across multiple languages which are used by the technicians to troubleshoot any issues with the turbines and record them appropriately.

Technologies & Tools Used: Java 8 , Angular 8, MySQL, Fieldwork, Postman, UiPath Studio

Roles and Responsibilities:

- Developed digitized forms for turbine maintenance across multiple global languages.
- Deployment and Management of the released forms as per the client's requirement.
- Creating troubleshooting guides for the turbines of all configurations to help facilitate the turbine technicians by providing instructions and means to capture the fault occurred in the form.

- Updating the existing released forms as per the changes in the client's requirement and performing bug fixes.
- Highly involved in the automation of the form creation process using UiPath Studio.
- Significantly contributed towards creating a java API to speed up certain document processing which fastened the automated form creation.
- Co-ordinate with the back-end team and test the application changes made in both the Stage and Prod Environment before deployment.

Product: Real Time Claims Intake

Role: Developer

Description: An application to perform Real Time claims Adjudication by applying various Edits through multiple processes in Pipeline.

Technologies & Tools Used: Java 8, Spring Boot, Oracle 19C, Kafka, Angular

Roles and Responsibilities:

- Developed Various Microservices using java 8 and Spring Boot to perform the edits involving Kafka.
- Tested REST services using Google chrome's POSTMAN plugin.
- Written Test cases for the process using Junit.
- Coordinate discussions with the people across cross-functional teams to get various inputs.
- Followed Agile methodology and involved in daily SCRUM meetings.
- Used version control repository GIT and Rally for issue tracking.

Product: Digital Thread (ICD, EPD)

Role: Full Stack Developer

Description: Digital Thread project concept is to connect multiple departments of engineering such as Design, Manufacturing, Quality and Service and trace the part details with minimal clicks. This project has multiple modules like Product Change Management, Conformity, Non-Conformance Management, Content Management Service, Data Distribution, File Management Service, and Digital Thread Intelligence for Repots. All these modules are redesigned from the legacy applications using better UI/UX components and micro services.

Technologies & Tools Used: JavaScript, Angular, java 8, Spring boot 2.0, JPA, REST, Agile, Rally, Git.

Roles and Responsibilities:

- Designed front-end pages for interactive cross browser functionality. Integrated front end pages with backend APIs.
- Created architecture towards a microservices approach using Restful webservice by using Spring boot.
- Developed modules using Java 8, JPA, and Spring boot.
- Worked on JUnit Test Cases with Mockito
- Work closely with the technology counterparts in communicating the business requirements.
- Coordinate discussions with the people across cross-functional teams to get various inputs.
- Followed Agile methodology and involved in daily SCRUM meetings.
- Used version control repository GIT and Rally for issue tracking.

Spring Boot Microservices:

Description:

A customer support application which deals with Electronics enabling the booking, tracking, updating complaints by establishing communication between the microservices designed to maintain the roles and functions required by clients, admins and engineers involved with the application.

Technologies & Tools Used: Java 8, Spring Boot, JPA Hibernate, REST Template, PostgreSQL, Junit 5, Mockito, Postman, Swagger

Functionalities Performed:

- Designed various microservices using Java 8 and Spring Boot for performing booking, tracking, updating complaints along with viewing, editing and sorting out data according to the requirements.
- Employed JPA Hibernate along for the database related functionalities such as CRUD operations.
- Established communication between microservices using Rest Template.
- Created and configured the appropriate tables using PostgreSQL along with creating schema for auto id generation in a customized fashion.
- Employed logging mechanism using Slf4j logger for monitoring the execution of the application.
- Used Junit 5 and Mockito for handling test cases of the available functionalities.
- Used Postman for checking the functionalities implemented in the microservices independently as well as the communication between one or more microservices.
- Implemented Swagger for API Documentation and testing API endpoints.

Automation Engineer Practitioner:

Description:

This application facilitates the automation of marking the timecard within the team. It is created using UiPath. A timecard is maintained within the team where the employees who are a part of the team mark their timecard every weekend. In this particular use case, the working days are taken between Monday to Friday. The bot is scheduled to run every Friday where it will automatically mark the employees' timecard which can be reviewed and submitted.

Technologies & Tools Used: UiPath Studio – Community Version, Vb.net, UiPath Orchestrator

Functionalities Performed:

- Automatically access the inter-team timecard with proper authorization.
- By default, certain hours(5 hours) are filled and is kept in a draft state.
- Notification will be sent to the employee's mail once the timecard is auto filled which can then be edited before submission.
- Bot was scheduled to be ran on every Friday by 5.00pm via UiPath Orchestrator.

Academic Credentials

- 2019 – B.E Computer Science Engineering from SA Engineering College, Chennai, Passed with 72%
- 2015 – 12th from Sri Venkateshwara Matriculation Higher Secondary School, Chennai, Passed with 94.6%
- 2013 – 10th from Sri Venkateshwara Matriculation Higher Secondary School, Chennai, Passed with 94.2%

Personal Details

- **Fathers Name** : P.C. Madhavankutty
- **Date of Birth** : June 2 1998.
- **Nationality** : Indian.
- **Linguistic Abilities** : Malayalam, Tamil, English, Hindi