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|  | **Arpit Tripathi**  **Software Engineer** | [arpit04tripathi@gmail.com](mailto:arpit04tripathi@gmail.com)  9146714272  [LinkedIn/arpit04tripathi](https://www.linkedin.com/in/arpit04tripathi/)  [arpit04tripathi.github.io](https://arpit04tripathi.github.io) |  |

**Profile Summary**

* A ***professional Software Developer*** with more than ***5 years of experience*** as a ***Java Backend/Full Stack Developer***.
* Software development using industry wide best practices like **Test Driven Development (TDD)**, **SOLID principles**, **Object Oriented Design (OOD)**, **Design Patterns**, ***Agile Development Methodologies, Clean Code approach*** *and* ***Scrums***.
* Experience with **building and delivering code for multi-branched, multi-module web application to production environment** having CI/CD, Gated Deployment with Quality Check stages (SIT and UAT) **in matrixed organizations**.
* **Ability to own multiple streams of work** and **deliver in a timely fashion** while working in self-organizing and **cross-functional globally dispersed teams** using **lean development**.

**Skills**

AWS (Amazon Web Services)

Java 8

SpringBoot

Microservices

Angular 8

REST Services

JUnit

Git

NoSQL

Maven

Open API

Swagger

Auth0

SQL

JIRA

Spring Framework

Hibernate

Apache Kafka

**Work Experience**

* ***Siemens Industry Software Limited (SISW) Software Engineer Sept 2019 – Present***
* ***TIAA GBS Analyst (Software Developer) May 2018 - Sept 2019***
* ***Cognizant Technology Solutions Programmer Analyst Aug 2015 - May 2018***

**Projects**

**PCBflow**

*A B2B multi-tenant platform to significantly reduce the cost and time-to-market for Designer DFMs from months to days by bringing the manufacturing risk assessment tool to cloud along with support for on-premise clients.*

***Responsibilities***

* Drafting design proposals for reviews by team leads and architects, including technical specifications where appropriate.
* Developing multi-tenant user authorization and authentication management microservice using Auth0 and OpenApi.
* Actively participate in Scrum Meetings to track progress and mitigate impediments on daily basis.

***Tech Stack:*** *AWS****,*** *SpringBoot, Auth0, OpenApi, Angular,* *Mockito, SwaggerCodeGen, API first approach*

**IA *(Immediate Annuities)* and ITD *(Income Test Drive)***

*Replacing manual application submission process with IA Request Capturing System for lifetime income options. Also introduced a new product, ITD, offering participants a beforehand experience of lifetime income options for upto 2 years.*

***Responsibilities***

* Developing IA Request Capturing event driven microservice using Apache Kafka distributed event streaming platform.
* Reduced application submission process time from 2-3 weeks to few days providing better customer experience.
* Enhancing existing system in order to support the new product, ITD, and celebrate first 100 product users in prod.

***Technology Stack:*** *SpringBoot, Apache Kafka, Angular, Scaled Agile, Git, OIPA, SOAP API, REST API, Gradle, Event Driven*

**ACARS *(Aircraft Communication Addressing and Reporting System)***

*A Digital datalink system critical for real-time monitoring, reporting and transmission of short messages between aircraft and ground stations via airband radio or satellite for flight status and position.*

***Responsibilities***

* Developing Ground Processing System for creating uplink messages after customized processing of downlink messages.
* Replatforming the existing mainframe system to scalable and reliable microservices architecture.
* Partnering with stakeholders to understand and document various types of messages such as OOOI events, flight plans, weather information, equipment health, status of connecting flights, etc.

***Technology Stack:*** *SpringBoot, Microservices, Angular, ActiveMQ, NoSQL, CouchbaseDB, Gradle*

**Warehouse *Management System***

*Java EE application to control and optimize the movement, storage and billing of materials based on real-time information within a warehouse and processes the associated supply chain transactions like receiving, put-away, picking and shipping etc. involving the physical warehouse infrastructure, tracking systems, and communication between product stations.*

***Responsibilities***

* Understanding Business Requirements and Designing new modules/functionality to meet those needs.
* Performing Impact Analysis and rendering change requests along with estimating the required efforts.
* Diagnosis and resolving defects found during Regression testing, SIT, QA, UAT and Production following minor releases.

***Technology Stack:*** *Spring, Hibernate, JSP, JQuery, AJAX, Maven, Monolithic Architecture, DB2*, IBM WebSphere AppServer, tomcat

**Recognitions in Organization**

* Rain Maker (2017) - *for achieving excellent results.*
* Diamond in the Rough (2016) **–** *for contribution, competency and enthusiastic efforts.*

**Educational Qualification**

Bachelor’s Degree SGSITS (Electronics & Telecommunication) Indore, MP (India) 2015 7.98 (CGPA)

Higher Secondary Kendriya Vidyalaya No.1 Bhopal, MP (India) 2010 81.4%

High SchoolKendriya Vidyalaya No.1 Bhopal, MP (India) 2008 83.2%