RUKASH DG

Associate Software Engineer

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Professional Summary

- **2 years and 3 months** of experience in the stages of designing, developing and delivering user-centric software applications using **Volante Designer** and **Java/J2EE** technologies.

- Expertise in Cloud Computing Services - Azure cloud, AWS, minIO, Java, J2EE, MSSQL, Zookeeper, Kafka, ActiveMQ.

- Experience in implementing and enhancing applications payment engine products customized to Client requirements.

- Excellent Functional Knowledge of Payment Messaging standards of **Swift** and **ISO20022**.

- Excellent hands-on experience in XML-related technologies that include **XML and XSD.**

- Expertise in designing and implementing solutions by using **Java, CAMEL** and **Web Services(REST)** technologies.

- Used SFTP to transfer the files to server.

- Experience in identifying root cause analysis in an efficient way for a defect in client environmentsof production and lower environments like UAT, SIT etc…

- Proven ability to efficiently identify root causes of defects in client environments.

- Experienced in resolving production defects and managing project delivery using JIRA sprint board.

- Have the motivation to take independent responsibility as well as ability to contribute and be a productive team member

Skills

EAI Tools	IBM MQ, Apache Camel, IntelliJ, JIRA, Git and Designer
Programming Language	Java, C++, HTML, XML, SQL, Maven build using Pom
Payment Domain	ACH, SWIFT, CSV Format, Fixed Length Formats and Payment Gateway functionalities
J2EE Technologies	REST Web services
SDLC	Agile and SCRUM model
Operating Systems	Linux, Windows
Personal Ability	Quick learning and easy to adopt in product framework design

Work Experience

2022 - Present Volante Technologies Private Limited
- Product specific design, development, support and testing various applications in financial domains.
- Analysis of the requirements according to the product design and provided solution to accommodate with the product.
- Integration of build and unit testing by using Jenkins's framework.
- Developed scheduler-based tasks by using camel cron expression feature.
- Implemented knowledge of cloud patterns such as Gateway Pattern, CQRS, Priority Queue and java, J2EE, Spring microservices.
- Involved in Log4j vulnerability with SSL configuration issue fix.
- Involved in the review and analysis of the Functional Specifications, and Requirements Clarification Defects etc.
- Involved in Regression Testing of SIT, UAT, and Development Environments.
- Build and deploy the application using Maven script on to dev and testing environments.
- Responsible for performing peer code reviews, troubleshooting issues and maintenance status report. Implemented logging mechanism using Log4j with the help of Spring AOP framework.
- Involved in performance enhancements of the code and optimization by writing custom comparators and combiner logic

Personal Projects

2022 - Plasma Donor Application | 🔗 | Java, Spring Boot, Spring Security, Docker, MySQL
- Plasma Donor Application is aimed to developing a Plasma Donor information via online. The numbers of blood donor are very less when compared with other countries. The system that is designed to store, process, retrieve and analyses information concerned with the administrative and inventory management within a blood bank.

Achievement & Certification

Connect and Protect: Networks and Network Security - Google
- Completed course on network security, covering key concepts in network protection and best practices for maintaining secure networks.

Preparing for Your Associate Cloud Engineer - Google
- Structured preparation for the Associate Cloud Engineer, covering Google Cloud domains and study plan creation to enhance domain knowledge.

Earned Badge in Cloud Essentials - IBM
- Understands cloud platforms (IaaS, PaaS, SaaS) and essential terms (VMs, Containers, Microservices, DevOps) with hands-on IBM Cloud experience.

Education

2019-2023 Bachelor of Computer Science and Engineering
Sri Shakthi Institute of Engineering and Technology [7.99%]

2018-2019 HSC
Sri Ramakrishna Matric Higher Secondary School [74.5%]

2016-2017 SSC
Dhanalakshmi Srinivasan Matric Higher Secondary School [93.4%]

Projects

- Azqore (SEPA Payments) Transactions Engine (July 2022 - Jan 2023)

- CIB (SEPA Payment) Transactions Engine (Feb 2023 - Oct 2023)

- SCB (SEPA Payments) Transactions Engine (Nov 2023 - Till Date)

Project 1: PaaS, ACH Payment (July-2022 To Jan-2023)	
Client:	Azqore payment services
Domain:	Payment and Finance
Tools:	Kafka, Zk, Activemq, IBM MQ, Tomcat server, JIRA, Designer, VolPay Payment Engine
Overview:	Azqore to deliver modern SEPA instant payments and ISO 20022 services to its financial institution customers worldwide, Azqore's core banking infrastructure and the opportunity to create an extensible platform for future payments modernization.
Role & Responsibilities:	• Handled the environment and configuration of queues, Kafka, and Zookeeper in a DevOps role. • Understood and implemented new requirements to accommodate product design. • identified areas for optimization in existing programs and improved code performance. • Implemented payment mapping using Volante Designer.

Project 2: PaaS, ACH Payment (Feb-2023 To Oct-2023)	
Client:	Commercial International Bank (CIB)
Domain:	Payment and Finance
Tools:	IBM MQ, Kafka, ZK, Tomcat server, JIRA, Designer, VolPay Payment Engine
Overview:	Commercial International Bank payment services. CIB, primarily operating in Egypt, offers various payment solutions for retail and corporate clients.
Role & Responsibilities:	• Developed a liquidity check feature using Volante Designer, which involved creating a flow to monitor and manage liquidity. • Worked on user stories related to SEPA payments, including mapping and integrating payment formats. • Identified defects in the payment processing system, performed debugging, and resolved issues to ensure smooth operations. • Configured environments and managed queue connections using IBM MQ, ensuring seamless integration and data flow.

Project 3: SEPA IP, PaaS, ACH Payment (Nov-2023 To Till Date)	
Client:	Standard Chartered Bank (SCB)
Domain:	Payment and Finance
Tools:	IBM MQ, Kafka, ZK, Tomcat server, JIRA, Designer, VolPay Payment Engine
Overview:	SCB is known for a range of payment services, including corporate payments, retail payments, and international money transfers.
Role & Responsibilities:	• Addressed and resolved defects across various environments including UAT, Production, SIT, and QA, ensuring stability and reliability of the application. • Developed and implemented new functionalities for handling non-Euro currencies and book payments by designing and deploying flow-based solutions using Volante Designer. • Successfully completed and enabled a SEPA IP project involving over 16 interface calls, with deployment across SIT, UAT, and Production environments. Carried out various customizations in the VolPay product, including creating business functions for Membership full/delta upload, Account Lookup, and Account Posting flows.