

Jamal Deena Fathima

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Work History

Lead Software Engineer

Virtusa, Dubai

October 2017 - Current

EMIRATES NBD

Company Overview: Banking

- Involved in development and System analysis, Coding, testing and performance maintenance and enhancements for applications
- Involved in migrating nearly 50000 corporate customers from smart business product to business online product.
- Created and optimized data base queries for the migration of customers.
- Involved in development of interfaces for migrating customer related microservices
- Developed real-time data processing applications using Kafka Streams for high-throughput event-driven architecture
- Developed Microservices using Spring Boot & Spring Cloud and implemented Eureka, Feign Client, Resilience4J for some functionalities.
- Built secure API gateways with Spring Cloud for authentication and authorization in banking applications.
- New API created for integrating CMS with online banking and new Service call developed for CMS with online banking
- New REST API's developed for CMS integration with online banking
- Developed 4 MSA services for end to end transactions in retail banking.

- 9+ years of experience in analysis, design, development and implementation of Java/J2EE projects.
- Proficient in developing applications using Spring projects like Spring Boot, Spring Security, Spring Data JPA, Spring Cloud, and REST API ,Hibernate, JDBC.
- Experienced in leading and mentoring teams of 5-6 members with 1-3 years of experience.
- Expertise in the implementation of Core Java SE 8 concepts like Streams API , Lambda Expressions, Functional Interfaces.
- Expertise in

- Creating new tables, procedures, packages, functions for implementing the migration
- Functional testing in new changes and add-ons in the application
- Designed RESTful APIs using OpenAPI
- Optimized database query performance for large-scale relational databases (Oracle, MySQL).
- Developed secure, service-oriented applications (SOA) for using Java & Spring Boot
- New API developed for additional loan on card functionality
- Worked in SPRING CLOUD API gateway for authentication and circuit breaker for fault tolerance.
- Implemented RESTAPI calls using webclient and feign client for communication between microservices
- New fallback and retry methods developed in case of fault tolerance and involved in developing rate limiting with redis for blocking the incoming service requests to API gateway.
- Json creation for API to interact with the third party external systems
- Developed functionalities under Agile Methodology and used JIRA for task assignment, bug tracking and fixing.
- Used SpringDataJPA as the ORM framework and Docker to deploy the applications.

Senior Java Developer

ITC (DAMAN UAE), Abu Dhabi *August 2016 - September 2017*

Company Overview: Health Insurance

- The scope of the project is to describe the high-level solution design for the 'Temporary solution Emirates ID registration CR, endorsements of member in online services, quotation services by broker and new API for integrating provider with existing members
- Involved in development and System analysis, Coding, testing and performance maintenance and enhancements for applications
- API calls created for new functionality of provider and member
- Capitalized complete annotation driven approach to develop application using Spring Boot and was involved in setting up of spring bean profiling.

designing and developing RESTful web services using Spring/ Spring Boot.

- Extensive experience in developing Micro services based on Spring Boot ,Spring Data, Spring Security.
- Strong Experience in working with Relational databases like Oracle, MYSQL and JPA/Hibernate ORM and No-SQLs such as MongoDB.
- Hands-on exposure to Docker, Kafka, and Kubernetes/OpenShift for deploying the microservices in cloud-based environment.
- Expertise in deploying dynamic web applications on JBOSS, Apache Tomcat, Glass Fish and IBM Web sphere.
- Extensive knowledge in IDEs like Eclipse, IntelliJ idea and Visual Studio.
- Expert at handling unit and Integration testing using JUnit and agile ticket tracking platforms like JIRA.
- Strong experience in

- Involved in development of user Interface
- Involved in coding for action classes and common classes for business rules
- Used DAO objects to encapsulate the database layer
- Involved in code walk-through, performance testing and defects fixing with quick turnaround time
- Knowledge transfer to new team members
- Involved in development of tool
- Developed new API and integrated new API SPRING CLOUD API gateway for authentication and circuit breaker for fault tolerance.
- Validate member details and EID status check
- Capture Emirates ID and Contact details
- Develop tool for quotation report and dashboard
- Handled teams working in multiple sites (onsite, offshore)
- Functional testing in new changes and add-ons in the application
- Creation of test data, setting up test Environment and test execution
- New service layer developed for issuing health quote to members by broker

Associate Engineer

Cognizant Technology

July 2014 - August 2016

Solutions, Chennai, India

Company Overview: Health Insurance

- Medicaid management Information System (MMIS) is an integrated group of procedures and computer processing operations (subsystems) developed at the general design level to meet principal objectives of Medicaid Health Enterprise (HE) System consists of core features of Medicaid Management Information System (MMIS) with integration to COTS (Commercial Off-The-Shelf) products packaged into a single 'Enterprise System'
- The primary business function is to receive, adjudicate and pay claims to medical services providers in support of multiple health improvement initiatives operated by the States
- The objective is to build an Enterprise System that will allow California State Medicaid program to be operated efficiently,

MAVEN and version controls like GIT,GITHUB.

- 8 years of experience in Banking domain and 1.5 years in Healthcare domain.
- Extensive experience working in Agile-Scrum methodologies for efficient SDLC execution
- Quick learner with the ability to adapt to emerging technologies and solve problems with well thought out solutions

Key Skills

- Java Enterprise Edition
- Core Java
- Spring
- Spring Boot
- Spring Data
- Oracle
- MySQL
- SQL Server
- JDBC
- Hibernate
- Micro Services

effectively and can be adapted to changes within the program

- Involved in development and System analysis, Coding, testing and performance maintenance and enhancements for new applications
- Involved in development of user Interface using Struts
- Involved in coding for action classes and common classes for business rules
- Used DAO objects to encapsulate the database layer
- Used Spring Security for login and logout validations
- Coded application components in an agile environment using a test driven approach
- Involved in code walk-through, performance testing and defects fixing with quick turnaround time
- Provided Application training and closely worked with documentation team, Support team and maintenance team on new releases
- Knowledge transfer to new team members
- Handled teams working in multiple sites (onsite, offshore)
- Experience working with Spring Boot, Spring Security and Spring MVC
- Expert at handling unit/Integration testing using JUnit and ticket tracking platforms like JIRA
- Involved in adding functionalities and features to the code to meet certain business objectives
- Integration Testing and Support for User Acceptance Testing
- Defect Reporting and Tracking using Quality center
- Extensively performed Manual Testing process to ensure the quality of the software
- Strong experience using MAVEN and experienced in version controls like GIT,GITHUB
- Ability to learn and adapt to the new technologies
- Experience working on SDLC with a blend of proficiency and leadership in AGILE-SCRUM
- Good technical abilities and skills developed by determining work ethic and self-learning

Systems Engineer

*Infosys Technologies
Limited, Chennai, India*

December 2010 - July 2014

Company Overview: Banking

- Rest API
- Maven
- Eclipse/ IntelliJ
IDEA/Visua
Studio/Spring Tool
Suite

Achievements

- Golden Stamp
- I have been awarded the Golden Stamp appreciation for the exceptional performance of on time delivery, extending extra hours if needed and understanding the system in short term
- I have been awarded the Star of month appreciation for the exceptional performance in my projects and also for working beyond the objective of the project to solve inherent issues.
- Awarded on the spot GEM award for the exceptional performance in my current project.
- Awarded on the spot GEM award for the outstanding contribution and remarkable dedication in launching product

- Global Communication System is a platform for all outbound communication from American Express
- The communication can be addressed to Amex card members, Amex customers, Amex merchants etc
- The communication can be letters and emails
- The Global Communication System is an Enterprise Component providing customer communications and correspondence solutions to the majority of US domestic business units and expanding its presence to International markets
- Canada Web Collect: Environment : Java, Struts, Spring Core, Spring MVC, JSP, Angular JS, DB2 and SQL Server : WAS, Tomcat Tool : HP Quality Center, Spring Tool suite Agile Project with test driven approach
- GCS would be developing a new application ARA (External System in Online mode) which would be used to send communication (emails and letters) to customers in English/French and also to authenticate the identity of American Express members
- The role of the external system is to provide the geographical details of the international customer to the GCS, so that we would be able to process the same and communicate it to the customer
- AMR (an upstream) would be able to either trigger a new communication or approve a communication using GCS Application
- GCS would enable the following for AMR: Process email/letter communications based on identified email/letter templates sent in AMR request
- Preview and Edit the communication before it is sent out to the customer
- Approve or Reject the Communication
- Role: Requirements gathering, analysis and Test Plan creation
- Handled a new change which enabled the customers to receive emails/letters in English/French
- Developed new code for the above implementation in AGILE environment
- Re-factored and enhanced an existing AngularJS application to follow MVC patterns for improved source code maintenance
- Used Spring Security for login and logout validations

- Involved in supporting and fixing the incidents occurring in the application along with their root cause
- Application developed on Rational Application developer IDE and deployed on JBoss Application server
- Assisting team members in module testing, code reviews and integration testing
- Knowledge transfer to new team members

Education

Bachelor of
Engineering in
Electronics And
Communications
Anna University Bachelor's Degree , CHENNAI

April 2010

Declaration

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.