


Srinadh Reddy Chitukula

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ORACLE
Certified Professional

Summary:

- Master's degree in Computer Science and around two plus years of experience in the IT industry as Software Developer with hands-on experience in software development with a great command in mathematics and ability to convert real-time problems into mathematical expressions and solve them by designing algorithms.
- Proficient in Java 8 Concepts like Lambda Expressions, Method References, Streams, New Date/Time API, Optional Class, Default Methods, Functional Interfaces.
- Solid understanding of Object-Oriented Programming Principles (OOPS) and core java concepts like Multithreading, Exception-Handling, Synchronization and Collection Framework.
- Developed applications using Spring, Spring Boot, REST Services, Servlets, JavaScript, Java Server Pages, CSS, HTML, Apache Tomcat, Eclipse, IntelliJ IDEA, Java API.
- Experience working with Kafka messaging with Spring Boot and Spring Cloud Streams.
- Solid understanding and experience in implementing design patterns like Singleton, Factory, Abstract Factory, Builder, Proxy, Decorator, Strategy, Facade and Observer.
- Worked on migrating database persistent layer from JDBC to Hibernate ORM.
- Hands on experience using Maven for project development.

Technical Skill Set

Development Technology	Java
DBMS:	SQL, Oracle
Frameworks	Spring, Spring Boot, Hibernate
IDEs	IntelliJ IDEA, Eclipse
Web Technologies:	HTML, CSS, JavaScript, Servlets, JSP
Software Practices:	Agile Software Development, SDLC, Jenkins, Jira, Rally
Web Server	Apache Tomcat, JBoss
Version Control	GitHub, Bitbucket

Professional Experience

American Express

Phoenix, AZ

Software Engineer

Mar 19-Present

Project Description:

This project is called Unified Authorization Variables (UAV). It is about utilizing data collected about the mainframes, creating logic around the collected data. This enables the business to generate code that can execute and support customer activities via transactions.

Roles and Responsibilities:

- Generated C++ code to be used by mainframes from Core Java using Spring framework.
- Written code to format the generated files and wrap content as required.
- Written several validation APIs using REST and Spring MVC.
- Worked on some front-end modifications in JSPs, Java Script involving AJAX calls.
- Worked on uplifting spring applications to comply with security violations.
- Identifying areas for modification in existing applications and subsequently developing these modifications.
- Written unit tests and integration tests for all the developed services and methods using Junit and Mockito.
- Performed Branching, Tagging, release activities on GIT version control tool.
- Used Log4j to capture the logs including errors and runtime exceptions.

UnitedHealth Group(Optum)

Software Engineer

Boston, MA

July 18- Feb2019

Project Description:

This project is called Optum Data Exchange (ODX) in which we provide health data to our customers on daily basis. This project offers Healthcare Services for providers, patients and policy holders. A provider contains complete practice management, which includes appointments, billing, clinics and schedules. It maintains computerized patient records. Patient's service contains online appointments and online healthcare services.

Roles and Responsibilities:

- *Participated in Business Requirement meetings, identifying system impacts and design solutions.*
- *The entire application was developed in J2EE using MVC based architecture.*
- *Used Spring IOC for dependency injection and Spring AOP for cross cutting concerns like logging, security, and transaction management.*
- *Design of REST APIs that allow sophisticated, effective and low-cost application integrations.*
- *Performed unit testing using JUNIT framework and used Test Cases for testing Action Classes.*
- *Used Velocity to generate HTML files.*
- *Designed and developed the front-end using HTML, CSS and JavaScript.*
- *Involved in Unit /System test integration, bug fixing, acceptance testing, and code reviews.*

T-Mobile

Software Programmer

Seattle, WA

Feb 18- June 18

Project Description:

This project is called Social Auth for authenticating and providing services to T-Mobile users when they message to T-Mobile app through Facebook and Twitter channels. We used Lithium to provide customer/agent experience. Primary technologies used to develop this product include Spring Boot with Micro Services, Kafka Messaging.

Roles and Responsibilities:

- *Worked on Social Authentication for authenticating and authorizing T-Mobile customers.*
- *Written channels to consume and produce messages from and to Kafka topics, configured spring boot application with Spring Cloud Streams for messaging.*
- *Written Encryption and Decryption codes for Kafka messages (JSON objects) using AWS-KMS Key Management.*
- *Created dynamic authorization links based on customer's channel (either Twitter or Facebook) and channel Id's, complying with the requirements. Used Facebook API, Twitter API, Facebook for developer's documentation for sending the links to the users for authentication.*
- *Consumed messages from Kafka topics, created csv files, stored the data in Cassandra database (data accumulation) needed by the AI team for AI predictions.*
- *Written Metrics code for logging (Splunk Metrics stored in Splunk) with proper testing.*
- *Worked on writing various services, REST calls to bring out the required functionality.*
- *Performed branching, tagging, release activities using Bit Bucket and used Jenkins for building the applications and Marathon for deployment on various environments.*

Education

SOUTHERN ARKANSAS UNIVERSITY, Magnolia, Arkansas.

GPA: 3.50/4.00

Master of Science in Computer and Information Sciences.

May-2017

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Hyderabad, India.

GPA: 3.70/4.00

Bachelor of Technology in Information Technology.

May-2015

Relevant Courses:

Data Structures and Algorithms

Operating Systems

Advanced Databases

Advanced Programming (Java)

Computer Architecture

Web Programming