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Career Objective

My preeminent Intention is to transition into a PM role wherein I would have the opportunity to have interaction with the stakeholders regarding their ideas for a product, garner a vision keeping in mind the consumer to maneuver the development team towards building a product in the right & fastest way possible.

Experience Summary

- 4+ Years of solid Experience in Designing & Development of Large Scale Web Applications, possessing hands on experience with technologies like Java, Ajax, and JavaScript based frameworks like jQuery & Angular.
- Professional experience in using Core Technologies like J2EE, Servlets, JSP, Custom tags, JDBC, JavaBeans, JNDI, JMS, JTA, HTML4/5,CSS2/3,DOM,XHTML/DHTML, XML, Web Services, Quarkus, Karate, Bootstrap frameworks.
- Managed Amazon Web Services like EC2, S3 bucket, ECS, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, Dynamo DB, Elastic search, Virtual Private Cloud (VPC) through AWS Console and API Integration.
- Have Extensive knowledge on Core Java Concepts like Polymorphism, Data Abstraction, Inheritance, Collections, Exception Handling, String Handling, and Multithreading Concepts.
- Extensive experience in working with spring framework, Struts framework, Hibernate, JPA.
- Well versed with all the phases of Software Development Life Cycle (SDLC) such as Analysis, Design, Development, Testing & Implementation using Waterfall, Agile Methodology & related tools.
- Proficient in working with Agile/SCRUM methodology using Jira, Kanban and Rally.
- Worked on Hibernate for mapping the java objects to relational database and SQL queries to fetch, insert and update the data from the database.
- Experience in Spring Boot, Spring DI, Spring AOP, Spring MVC, Spring Templates (Spring JDBC, Spring JMS, Spring Hibernate), and Spring Batch modules.
- Experience in using Web/Application servers like WebLogic, Wild Fly and Tomcat.
- Experience in writing Maven build scripts, providing logging facility using Log4j and Writing JUnit test cases.
- Configured and used JIRA for bug tracking and functional testing.
- Hands on experience in developing Single Page Applications (SPA) using Angular 8 and Node.js, and in using UI Widgets.
- Experience in consuming and deployment of RESTFUL and SOAP based web services.
- Proficient in Object Oriented Design/Development (OOD), Object Oriented Analysis and Design (OOAD), Model View Controller (MVC) design pattern, Behavior Driven Development (BDD) and Test Driven Development (TDD).
- Have Experience using Docker for Containerization.
- Used persistence frame works to achieve mapping between POJO and Relation Database.
- Extensively used IDE's like STS, Eclipse, IntelliJ IDEA, Net Beans and VSCode for development.
- Implemented various J2EE design patterns like Singleton, Session Facade, and Data Access.
- Implemented objects like Data Access Object (DAO), Factory, and Data Transfer Object (DTO).
- Experience with Version Control tools like GIT, SVN for Source Code version management and merging Source code after intermittent Project releases.
- Solid understanding of Service Oriented Architecture and how to integrate front end with backend services using RESTful APIs.

- Strong knowledge of Security, Session Management, Scalability, single sign-on, cookies and concurrency of web applications.
- High development skills and ability to meet project delivery deadlines.
- Possess excellent leadership & software engineering skills, having pro-active solution-oriented mindset, with strong inter-personal communication skills.
- Highly motivated, quick learner and extremely versatile. Accepts responsibilities and job duties eagerly with minimal supervision required.

Education

- Career Accelerator Program in Product Management, from Upraised, India, to graduate in 2022.
- Master's in Computer Science, from Texas A&M University, USA, graduated in 2017.
- Bachelor's in ECE, from JNTU, India, graduated in 2014.

Personal Skills

- Team working capability.
- Adaptability and Flexibility.
- Organization skills.
- Hard Working.

Areas of Expertise - Professional Skills

Programming Languages	C, C++, Java 8, SQL
Frameworks	spring 4.0, Spring MVC, Spring Boot, Struts 2.3.3, Hibernate 4.3.0
Web Services	SOAP, REST
Client-Side Technologies	JavaScript, AJAX, jQuery 1.11, Angular 8
Application Servers	IBM Apache Tomcat, Wild Fly, WebLogic
Database Tools	Oracle 11g, 10g/9i, MySQL
Utilities	Log4j, JUnit, JIRA, POSTMAN, Diff Merge
Cloud	AWS
Containerization	Docker
Build Management	Maven, Jenkins

Roles and Responsibilities

Project: V   **Date: May 2021 – Aug 2021**
CLIENT: The Hartford Group Inc., Hartford, CT
Company: Signature IT World Inc.
Role: Sr. Java Full Stack Developer
Product Description: Orchestration Service supports up to 53k Transactions per day.

- ❖ Worked on Orchestration Service & Created a Testing Framework for each Run
- ❖ Came up with the Testing Criteria, defining of the ideal parameters of performance, such as Average Time taken for each Transaction to successfully get completed, Time Frame (Window) of all Transactions to be completed, Number of ECS containers which are scaled up.

- ❖ Make Sure the Run Throughput to be on 95 Percentile (95ms) or below
- ❖ Made sure Application Performance is Excellent i.e., should be Auto scaling
- ❖ Worked closely (coordinated) with Performance Testing Team who shared the final results with the team.
- ❖ Performed Cleanup activities such as Segregations of the code logics developed, Preserving All the developed code for Access to submission without the need of Deployment, Validate if the existing flow is working as expected in co-ordination with Test Engineer covering all scenarios, users and use cases.
- ❖ Worked on Documentation of Testing Framework and Efforts for future reference.
- ❖ **Environment**: Karate Testing, Camel Route, Quarkus, AWS Cloud, Microservices, S3, SQS, Lambdas, Secrets Manager, RDS and ECS Clusters, IntelliJ, Postman, Rapid API.

Project: IV   **Date: Jan 2021 – May 2021**
CLIENT: Cisco Systems Inc., Milpitas, CA
Company: CSX Tech Inc.
Role: Java Full Stack Developer
Product Description: With WebEx Analytics Platform, whenever an organization subscribes to WebEx, they will be provided credentials for the website through control hub. Control hub also focuses on providing user level analytics on an organizational level. At PDA (Portal and Data Analytics) processing and conversion of the audio and video level metrics to business metrics takes place to further provide a perspective to the customer about the way WebEx is being used in their organizations. The business metrics include call Duration, Call Quality, Message Sent, Call Detail Report, Room Device usage, Video Mesh etc.

- ❖ In the Front End used Angular to come up with Graphs and Tables to Visualize the Analytics that were produced through Data Processing.
- ❖ As a part of Front End Development, came up with a world map that spots the places from which the Application gets the calls for the customer care and help them identify problems in an efficient manner.
- ❖ Worked on Migrating Stack in current usage to AWS.
- ❖ Researched and Implemented on what could be the best way to monitor our Pipelines.
- ❖ Created numerous POC's that included App Dynamics, Grafana, Kibana, and Influx DB and decided on moving forward with Grafana.
- ❖ Worked on Developing a Framework for the requirement of Deployment Automation, written in Ansible for deploying Apache Flink Clusters and Jobs into various DCs.
- ❖ Worked on migrating the flink systems from Docker swarm to an internal tool called UDP (Unified Data Processing).
- ❖ Used Amplitude for Front End Analytics, used REST APIs for returning the Data and Jenkins for the Deployment.
- ❖ **Environment**: AWS, Java, Apache Flink, Jenkins, Ansible, Docker, RESTful API, POSTMAN, Jira, VS Code, UDP, App Dynamics, Grafana, Kibana, Influx DB, Apache Pinot, Postgres, Redis , Scala, Python.

Project: III   **Date: Oct 2018 – Oct 2020**
CLIENT: The Vanguard Group Inc., Malvern, PA
Company: CSX Tech Inc.
Role: Java Full Stack Developer
Product Description: Being Part of NWOW (New Ways of Working) & NGA (Next Generation Applications) Team at Vanguard, contributed in the rewriting efforts of transforming Legacy Applications built in a monolithic fashion, into standalone deployable applications. Majorly involved in the development of Applications such as:
Mailing Preferences: The app dealt with providing the client with the capability to View & Modify their Preferences regarding how they receive Documents such as Statements, Reports, and Notices, either through Mail in paper format, or electronic delivery through email.
Portfolio Watch: Gives a complete overview of their investments like Stocks, Bonds, Short-Term-Reserves and Cash. Provides an option to Set a Target and compare their current analysis with this Target. Customer would be also be

receiving Dynamic Alerts based on predefined conditions regarding their investments. Also worked on projects like **Global Header,** and **Public Site**.

- ❖ Operating in Vanguard's Retail division in Agile SDLC and working on 4 of the Team projects till date, namely Mailing Preferences, Portfolio Watch, Public Site, and Global Header.
- ❖ Writing efficient Algorithms & optimizing code logic based on functional requirements with optimal Data Structures and usage of Spring MVC along with Java 8 features such as Lambda Functions.
- ❖ Creating RESTful Web-services in Java over Spring Framework by gathering requirements, writing algorithms for services and testing the objects from REST Endpoints using Postman.
- ❖ Performing Application modernization by completely transforming SVN & Jenkins managed old J2EE monolithic projects into Bit bucket and Bamboo managed modern Spring Boot Micro-services.
- ❖ Migrating from the usage of DB2 Stored Procedures into using AWS Dynamo DB, and migrating static images from local servers to AWS S3 servers.
- ❖ Complying with Vanguard's 100% Code Coverage policy by writing Unit Tests using Junit and Mocking frameworks such as Mockito.
- ❖ Following behavior-driven development by writing Cucumber test cases, creating given-when-then scenarios in Cucumber feature files and writing logic for the same in Java test package.
- ❖ Building frontend of applications in Angular 8 making use of Angular CLI and writing tests using Jasmine, along with some level of UI designing with HTML, CSS, and Bootstrap.
- ❖ Making use of Routes in Angular, Lazy-Loading and Greedy-Loading of pages according to the requirement.
- ❖ Implementing Content as a Service (CaaS) on the front end of projects by connecting Content-site with the application and writing logic in Typescript files of Angular.
- ❖ Used Java 8 Lambda expressions and Stream API to support functional-style operations on streams of elements
- ❖ JProfiler is used to profile the application (Memory view and CPU view and Thread view are used)
- ❖ Followed Agile/Scrum methodology that included iterative application development, weekly Sprints and stand up meetings.
- ❖ Deployed the Docker image of services building Docker file and build a continuous delivery pipeline for containers using AWS Code Pipeline and Amazon ECS.
- ❖ Developed server-side software modules and client-side user interface components deployed entirely in Compute Cloud of Amazon web Services (AWS)
- ❖ Implemented Spring Security with OAuth are used for authentication and authorization of the application.
- ❖ Implemented OAuth Security with Rest API's for authenticating the Requests and for providing security for the application.
- ❖ Created Docker machine in Amazon EC2 instance and created Docker containers in Docker Machine running in Amazon EC2.
- ❖ Experience in log management tools like log4j, Splunk generating the application usage reports.
- ❖ Used Log4j along with Splunk for logging error/debug messages and managing them.
- ❖ Deploy the Spring Boot Application to AWS Beanstalk.
- ❖ Consumed REST services using Angular HTTP and performed various REST Http operations for data retrievals and updates.
- ❖ Used Angular router and implemented module wide routing and created different forms using Angular data driven and template driven forms.
- ❖ Developed Angular Components, Services, and Filters and took part in developing unit test and integration test cases using Jasmine, Karma.
- ❖ Good experience working with Junits, Mockito, Cucumber & Serenity framework

- ❖ Used Spring Boot which is radically faster in building cloud Micro Services and develop Spring based application with very less configuration.
- ❖ Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, JavaScript, Angular and Bootstrap
- ❖ Working on GIT as source control management giving a huge speed advantage on centralized systems that must communicate with a server
- ❖ Developing Splunk based alerting and dashboards
- ❖ Amazon IAM was used to maintain the user credentials and involved in creating custom IAM policies to various groups defined within the organization
- ❖ Used SonarQube for continuous inspection of code quality to perform automatic reviews with static analysis of code to detect bugs, code smells, and security vulnerabilities.
- ❖ Involved in development of REST Web Services using Spring MVC to extract client related data from databases and implementing the Microservices to base on RESTful API utilizing Spring MVC and tested Rest APIs in Spring-Controller at backend for JSON data using Postman.
- ❖ **Environment**: JDK8, GIT 2.5.0, Bit Bucket, STS 3.9.2, Notepad++, Postman, Diff Merge, Angular 8, Bootstrap 3.3.7, Jenkins, Bamboo, AWS, Docker, VS Code.

Project: II   **Date: Jun 2018 – Aug 2018**
CLIENT: Verizon Communications Inc., Irving, Texas
Company: Incedo Inc.
Role: Java Developer
Product Description: Worked on building an Application where the results of numerous SAST Tools being used by multiple teams on premise are integrated in order to be rendered onto a single page (SPA), providing a detailed consolidated View.

- ❖ Provided Java programming support for existing and new applications.
- ❖ Used Bit bucket and GIT for Cloning the Repositories and getting them on Local (Git Bash).
- ❖ Used Maven for Software Build and addressing Dependencies.
- ❖ Developed Web applications using Java, J2EE, Struts and Hibernate.
- ❖ Used Angular 2/4 for making the UI Changes Required before the Portal went Live.
- ❖ Wrote extensive HTML, Bootstrap and JavaScript code.
- ❖ Implemented core features of Angular framework such as dependency Injection, Data-binding, Filters, Directives, Templates, Services and Deep Linking.
- ❖ Made AJAX calls for getting the data and parsing it to render on the web page.
- ❖ Used Wild Fly as the Application Server.
- ❖ Involved in Creation of RESTful Web Services using spring.
- ❖ Stored Data in XML Format, Parsed the XML & Saved in Linear Format i.e., in Key Value Pair.
- ❖ Used JSP Servlet Architecture.
- ❖ **Environment**: JDK8, GIT 2.5.0, Bit Bucket, STS 3.9.2, Eclipse Oxygen, Notepad++, Postman, Diff Merge, Apache Maven 3.3.3, Angular 2/4, Bootstrap 3.3.7, Font Awesome 4.6.3, Wild Fly 10, Fortify 17.20.

Project: I   **Date: Jun 2014 – Dec 2015**
Company: Sona Networks Inc., Hyderabad
Role: Java Developer
Product Description: Worked in the System Integrations Unit of Sona, involved in developing the Applications and integrating them across diverse Hardware and Software platforms.

- ❖ Developed Stateless Session beans to manage the control flow.
- ❖ Involved in complete life cycle of design, development, testing and deployment of application.
- ❖ Implementation of MVC Architecture using Struts.
- ❖ Developed views using JSP, Struts tag libraries.
- ❖ De-bugging and bug fixing Production problems.
- ❖ Worked on several java design pattern (DAO, Value Objects).
- ❖ Mentoring the team members and execute the assigned tasks with their co-ordination.
- ❖ Developed Struts filters for various server side processing modules.
- ❖ Implemented transferring of XML data to the database using JDBC.
- ❖ Supported email communication through JAVA application.
- ❖ Developed using IDE Eclipse3.1 for building business components.
- ❖ Implemented logger for debugging and testing purposes using Log4j.
- ❖ Used Microsoft SourceSafe for source control.
- ❖ **Environment:** Java, JSP, JSP, Servlets, Struts, EJB, XML, JDBC, JMS, Java Mail, HTML, JavaScript, log4j,Tomcat4.0, Eclipse 3.1, MySQL.

Academic Project Reports Submitted

MS Project

Real Time Location Sharing & Threat Notification System: Developed a Windows Application based on Real Time Location Sharing, providing the feature of Threat Notification, which was used to collect numerous Threat Reports from various Users which might have occurred in different Locations, & this Information (data) was used to flag those locations Unsafe. A Warning/Notification is sent to the users in Proximity of these Locations.

BTECH Projects

Implementation of CDMA Using Gold Code Spread Spectrum: This is an attempt to implement and compare the CDMA system using Gold code algorithms on Xilinx Spartan-III FPGA.

Automated Retail Store Based on RFID: This project utilizes Radio Frequency Identification mechanism, instead of the conventional barcode scanners, which drastically decreases the overall Billing Time.

Declaration

I hereby acknowledge that all the information in this document is true and accurate to the best of my knowledge.