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**Professional Summary:**

* Having around **13** years’ experience in designing, developing and deploying Web based and Enterprise applications using **Java**, **J2EE**, **Spring**, **Spring Boot, Spring REST, Spring JPA, Spring Cloud, Hibernate, Angular and React.**
* Experience in all phases of Software Engineering (SDLC), Project management (Waterfall & Agile/Scrum Methodology) including Requirement Gathering, analysis, Define project scope, Design, Coding, App & web server installation, deployment, Manual Testing and Implementation.
* Extensive Experience in using **Microservice** architecture for developing microservices using Spring Boot stack (**Spring REST, Spring JPA and Spring Cloud**).
* Good Experience in implementing **User interfaces** (SPA) using **Angular 2**/**4/6/8/12/13**, **ReactJS, HTML5, CSS3, Material UI, Prime Faces** and **Bootstrap**.
* Skilled in implementing event driven microservices using **Kafka** and **IBM MQ**.
* Experience in using **Redis** distributed cache for storing static reference data and frequently accessed transaction data.
* Good knowledge and experience in using micro service **design patterns** like **Circuit breaker**, **Service registry**, **API Gateway** (ZUUL, APIGEE), **CQRS(Command query segregation), Saga , Sidecar and Service Mesh** to maximize the performance, scalability, reliability and security.
* Expertise in designing and maintaining Database models using Relational(oracle) and No-SQL (**Mongo** DB, **Cockroach** DB and **Cosmos** DB) database models.
* Experience in implementing unit tests using easy mock and power mock frameworks for java back-end services.
* Demonstrated proficiency in writing unit and integration tests for **Angular** and **React** applications, utilizing frameworks such as Karma, Jasmine, Protractor, Jest, and Cypress.
* Possessing strong expertise in utilizing the **Angular Router** module, I have successfully implemented seamless page navigation within the application.
* Strong expertise in leveraging **NgRx** **store** to effectively manage state in **Angular** applications.
* Extensive experience in implementing **Lazy loading** in Angular by modularizing the UI into feature modules.
* Utilized angular **template-driven** and **reactive forms** extensively for efficient form handling.
* Expert in implementing integration tests using **Spock**, **Cucumber** and Spring test framework.
* Experience in using static code analysis tools using **sonar** and **fortify**.
* Experience in architecting the application from end to end.
* Solid working knowledge of application servers like Apache Tomcat 6.0/5.0, OC4J, JBoss Server 6.0/5.0.
* Lead the team of 4 to 5 members and also played as role of Scrum master.
* Good Knowledge and hands-on experience on **Hadoop ecosystem** (HDFS, Map Reduce, Pig, Hive, HBase, Oozie, Sqoop, Kafka).
* Hands on experience with SVN and Git content repositories (GitHub, Azure repos and Bitbucket).
* Experience in working with the projects related to various domains - **Capital markets** (Investment Banking),**Payments**, **Consumer Lending**, **Insurance**, **Health** **Care** , **Streaming platform**(Comcast, OTT and Fire TV etc ) and **Supply Chain**.
* Experience in working with **Agile** (**Scrum)** environment (9 years).
* A fast Learner, excellent analytical and problem-solving skills, ability to lead team, good analytical, logical and programming skills, Self-Starter, Team Player can work with minimal supervision with effective Communication skills and Time management skills.

**Technical Skills:**

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| **Programming Languages** | C, C++, JAVA, J2EE, SQL, PL/SQL, Python |
| **Web Technologies** | HTML5, AJAX, JSF, jQuery, CSS3, Angular13, JavaScript, Typescript, React, D3, High charts ,Express JS |
| **Databases** | Oracle 9i/10g/11g/12c, SQL Server, MySQL, DB2,Mongo DB,Cosmos DB, Cockroach DB |
| **Web Services** | JAX-WS(SOAP), JAX-RS(Restful), WSDL. |
| **J2EE Technologies** | Servlets, EJB 2.0, JSF, JDBC, JSTL, JNDI, JMS, RMI, Java Bean, JTA |
| **Application Frameworks** | Spring Core, Spring MVC, Spring Security, Spring ORM, Spring AOP, Spring Boot |
| **ORM Framework** | Hibernate, JPA |
| **IDE** | Eclipse, Edit Plus 3, NetBeans, Intelli J, VSCode |
| **Web/ Application Servers** | Apache Tomcat 6.0, Glassfish, IBM WebSphere 8, Oracle WebLogic, WAS, JBoss 4.0 |
| **Version Control** | IBM ClearCase 7.0,7.1, SVN (Apache Subversion), CVS, VSS, Git |
| **Design Methodologies** | UML, J2EE Design Patterns. |
| **Operating Systems** | Windows Vista/7/8, UNIX, Linux. Windows Vista/7/8, UNIX, Linux. |
| **Cloud** | Azure (Cosmos DB, AKS, App Insights, Redis, Azure AD, Event Grid), AWS(EKS, EC2,ECS, S3, ELB, SNS, and Lamda), Pivotal Cloud Foundry(Venafi, APM), Kubernetes, Docker |
| **Distributed Technologies**  | Mule ESB, Apache Kafka, IBM MQ, Apache Camel |
| **Build Tools** | Ant, Maven, Gradle |
| **CI/CD Tools**  | Jenkins, Jules , Anthill, Bamboo |
| **Tools** | PL/SQLDeveloper, Rally**,**Jira**,**Sonar,Fortify,RedGate,Liquibase and Soap UI,BitBucket,Tortoisegit,FileZilla ,JProfiler, Blazemeter, Mural, JMeter, Visio,Swagger, Open API |
| **Domains** | Capital Markets, Currency exchange, Payments, Insurance (Auto and Health),**Streaming platform**(Comcast, OTT and Fire TV),Supply Chain |

**Certifications**

* Oracle certified Professional for Java SE 6.
* AW Solution Architect Associate Certified
* Azure Cloud fundamentals Certified.
* Big data and Hadoop certification by Edureka.
* Data science certification by Edureka.

**Project Summary:**

**Project: Flex Loan May 2022- May 2023**

**Client: Wells Fargo**

**Role: Java Full Stack Developer (Angular)**

**Technologies:** Spring boot, Spring REST, Spring Data JPA, Micro services, Spring Scheduler, Spring Batch, Mongo, Apache Kafka, PCF, React, Angular12/13, Redux, NgRx Store, HTML, CSS, Bootstrap, GIT, Jenkins, Jira, Splunk, Gradle, AppDynamics, Grafana, Cypress, Cucumber, Azure, Micro Front end

**Description:**

Flex Loan is a digital-only, small-dollar loan that will provide millions of eligible customers convenient and affordable access to funds when they need it most. Flex Loan is available now in select markets and will be available nationwide by the end of the year.

**Roles & Responsibilities:**

* Requirement Analysis and Validation
* Involved in domain driven design discussions and architecture calls of the application.
* Architected Flex Loan **Apply Loan** module architecture end to end.
* Created front-end user interfaces for a Currency Exchange UI using **Angular** 12/13. This involved designing reusable components for the application's header, footer, and form handling, among others.
* Utilized **NgRx** **Redux** store actions and reducers to manage state across page navigations.
* Employed **Angular** **reactive** forms to handle form implementation effectively.
* Implemented **angular lazy loading** by organizing the UI into feature modules, enhancing performance.
* Employed the **Angular Router** module to implement seamless page navigation within the application.
* Integrated various feature **Angular** and **React** UI apps to create a **micro front-end** application.
* Conducted **angular** unit tests using **Jest** and **end-to-end tests** using **Cypress** for comprehensive testing and quality assurance.
* Implementedback-end Micro Serviced using **Spring boot stack** (Spring REST, Spring data JPA, Spring Cloud).
* Involved in unit testing and integration testing application.
* Implemented Apply Loan UI using **React** **JS** by leveraging WF-RIA UI standard library.
* Coordinated monthly production deployment by creating Service now CR , preparing release plan and getting approvals etc.
* Implemented scheduler services for sending reoccurring payment due notifications and pay success notifications using **Spring Batch**.
* Implemented event driven microservice interaction using **Kafka**.
* Involved in setting cloud configuration and deploying application to cloud.
* Involved in creating **Splunk** dashboard to show real time transactions like number of flex loan generated for given period.
* Implemented the POC and created technical documentation for the best practices and design patterns regarding **React** and micro front end.
* Used **Express JS** server for handling API requests at Node back end side.
* Leaded the team of 5 members and played the scrum master role.

**Project: FX OMS NOV 2020-APR 2022**

**Client: JPMorgan**

**Role: Java Full Stack Developer / Lead**

**Technologies:** Spring boot, Spring REST, Spring data JPA, Micro services, Spring Batch, Oracle database, Gaia cloud, React JS, Redux, HTML, CSS, Bootstrap, GIT, Jenkins, Jira, Kubernetes, Docker, AWS S3, AWS EKS, Kafka, Control M, Cockroach DB, IBM MQ, Angular12/13

**Description:**

FX OMS is a modern order management system to create, enquire and edit the foreign exchange orders as well as same currency cash movement orders received from Equity, Debt and Money market funds dividends. The system also handles the sweep requests which involves FX.

**Roles & Responsibilities:**

* Worked as a Java **Full Stack Lead** cum developer for cloud-based applications using **Java8**, **Spring**, **Spring boot** and **hibernate**.
* Designed and developed RESTful APIs using **Spring Boot** for seamless integration with the frontend.
* Worked on frontend user interfaces development using **React**, **Angular**, HTML, CSS, **Typescript** and JavaScript
* Design and implemented event driven architecture using distributed messaging frameworks like **Kafka**, **IBM MQ** and ActiveMQ.
* Implemented **Spring batch** framework to read and process stream of files from **Amazon S3**
* Leveraged AVRO schema for better serialization and maintenance.
* Implemented authorization for REST API using **OAuth** and **Kafka** topics using **Kerberos**.
* Worked on Containerizing the microservice application using **Docker** and **Kubernetes** to make deployable to public Cloud/on prem cloud (GKP).
* Implemented and maintained the cloud-based infrastructure on **AWS**, including **EKS**, **ELB**, **S3,** and **Lambda**.
* Developed front end User interfaces for Currency Exchange UI using **Angular12/13** by creating reusable components for application header, footer and form handling etc.
* Implemented NGRX **Redux** store **actions**, **reducers** for managing state across page navigations.
* Applied angular **lazy loading** by segregating UI into feature modules.
* Leveraged **angular** **reactive forms** for form handling implementation.
* Implemented page navigation in **angular** using angular router module.
* Implemented **angular** unit tests using **jest** and end to end tests using **cypress**.
* Implemented unit tests and integration tests using JUnit and Mockito frameworks.
* Worked on implementing the functional BDD test cases using cucumber to automate the testing of end-to-end functionality.
* Implemented performance testing scripts using **JMeter**/**Blaze meter** to test microservice scalability and reliability functionalities.
* Integrated the functional test cases with CI/CD pipelines to verify end to end functionality as part CI/CD.
* Implemented **Kubernetes** jobs to read and process static/reference data files from file mover.
* Leveraged **Control-M** tools to execute and monitor Kubernetes jobs.
* Collaborated with the product team and business stakeholders to understand requirements and deliver features.
* Involved in managing a team of 4 to 5 members and doing peer code reviews.

**Project: Spire (Digital Enablement Platform) MAR 2019-NOV 2020**

**Client: Nation Wide**

**Role: Java Full Stack Developer**

**Technologies:**

Spring boot, Spring REST, Spring data JPA, Micro services, Spring Batch, Azure Cosmos DB, Azure Kubernetes service, Camunda BPM, React JS, Redux, HTML, CSS, GIT, Azure Dev ops, Jira, Bootstrap, Camunda BPM, Azure AD, App Insights, Azure Redis

**Description:**

**Spire** is an insurance product to offer initially nationwide Auto insurance in Texas state and then expand to other kinds of insurance in other states as well. Nationwide is piloting the project in three Texas cities to start, then expanding it to other markets and states in 2020.

The tool will allow people to apply for auto insurance coverage by scanning their driver's license and answering a questionnaire about things like driving habits and parking infractions. It is designed to allow people to apply for coverage in a minute.

**Roles & Responsibilities:**

* Involved in the analysis, design, and development phase of the application.
* Implemented various microservices (Billing, Payment and Document) using **Spring boot, Spring REST, Spring JPA, Spring Security, Spring Cloud, NoSQL** (Mongo DB) using **Microservices** architecture.
* Applied authentication using **Oauth**/SSO to provide secure access to microservices.
* Implemented unit and integration test cases using **Spock** framework.
* Implemented User interface using **Reactjs** and unit test cases using karma, Mocha and **Jest** framework.
* Created reusable generic payment adapters for integrating with various payment gateways like **Stripe** and **Chase**.
* Implemented batch services for recurring payment monthly payments and cancel batch to cancel lapsed policies using **Spring Batch**.
* Used **Azure AKS** cloud platforms for Microservice deployment.
* Leveraged Azure Code repos, Azure Pipelines, Azure AD, Azure Redis and App insights for micro services development and deployment in Azure Cloud.
* Implemented **Apache camel** routes for orchestrating the micro services interactions and also to interact with various integration points like IBM MQ, Database, Kafka,S3 Data source using Java based DSL.

**Project: Sureify (Underwriting Platform) APR 2018 – MAR 2019**

**Client: Nation Wide**

**Role: Java Full Stack Developer(AWS)**

**Technologies:**

React JS, Node JS, Redux, AWS, HTML, CSS, GIT, Azure Dev ops, Jira, Bootstrap

**Description:**

Sureify Underwriting product implemented to assess prospect customer risk by asking a sequence of questions related to customer basic information and medical history and shows different coverage options and premium per each coverage. The underwriting platform is implemented in such a way that any future underwriting questions can be introduced in screen flow with small data entry in the back end. And also, the underwriting product can be implemented to different clients with very minimal data setup in the database.

**Roles & Responsibilities:**

* Requirement Analysis and Validation
* Involved in design and architecture calls of the application.
* Involved in the implementation phase for developing UI using **REACT JS**, Service using **Node JS** code.
* Designed and developed **redux** store to manage application state.
* Implemented reusable components for Input, checkbox, multiselect checkbox, select drop down and multi drop down.
* Implemented **middleware** node JS APIs to intercept php api’s request and responses and to set the security headers in request.
* Implemented reusable question and answer component which will be driven in back-end database data.
* Implemented Group and List question – answer component which will be used to show group of different type of fields and list of groups or combination of group and question – answer fields.
* Implemented and maintained the cloud-based infrastructure on **AWS**, including **EC2,ELB**, **S3,** and **Lambda**

**Project: GIM (Global Instrument Master) JUL 2016 – APR 2018**

**Client: JPMorgan Chase**

**Role: Senior Java Full stack Developer**

**Technologies:** Java 8, Spring Boot, Spring REST, Spring JPA, Spring Security, Spock, Junit, Spring Batch, Spring Cloud, Angular2/4/6, HTML5, Bootstrap, MongoDB, Cloud Foundry, Karma, Jasmine, Protractor, SQL, Informatica, Mule ESB,PL/SQL, GIT, Bitbucket, SVN, Jira.

**Description:** GIM processes the instrument reference data files received from different data vendors (Bloomberg, Reuters, Euronext and CME) and prepares a golden copy of the instrument by merging data from each vendor for each instrument. The golden copy of instrument data consumed by downstream applications like Asset management in JPMC.GIM 2.0 targeted to implement microservices architecture with better auditing capabilities. GIM 2.0 is also addressing new trading regulations imposed and new data vendors like RDU, ESMA etc.

**Roles & Responsibilities:**

* Requirement Analysis and Validation
* Involved in design and architecture calls of the application.
* Involved in the implementation phase for developing UI using **Angular**, Service using **Spring Boot**, **Spring IOC, Spring REST, Spring Cloud and Spring Data JPA** code.
* Implemented Vendor service to read vendor data file in XML format and process using Spring Batch and store it into Mongo dB using micro service architecture.
* Implemented mastering micro services for RTS2, OPTIONS and MIFID data and implemented bulk upload ui using **angular**.
* Implemented unit and integration Tests using **Junit** and **Spock** frameworks.
* Implemented angular unit and integration Tests using **Jasmine** and **protractor**.
* Implemented mocha junit reporter and code coverage reporting using **Istanbul** package for angular tests.
* Coordinated Peer reviews using **Git** pull requests and **Crucible** Review.
* Static code analysis using **Sonar** and **Fortify** to remediate security vulnerability issues.
* Involved in the KT session to the new resources about functionality and high-level architecture.

**Project: Payment integrity case tracking system (PICTS) JUL 2013 – Jun 2016**

**Client: United Health Care**

**Role: Senior Java Full stack developer**

**Technologies:** JSF, spring, Hibernate, Web services (SOAP), Mule ESB, Junit, Sonar, Fortify, Anthill, Oracle, Alfresco and Cordys BPM, Angular2/4/6.

**Description:** The Fraud Operations Complex Unified Solution (FOCUS) initiative within the Optum FW&A organization is geared to reengineering the operational model to support the FW&A market offerings. The PICTS (Payment Integrity Case Tracking System) is positioned to support this reengineered operational model by providing enhanced common business solutions for the key FW&A processes: Intake, Case Development, Case Investigation, Appeal, Negotiation and Litigation. The PICTS product will evolve over many releases (both major and minor) to support the complete Optum Payment Integrity operational models. Each release of PICTS will enable more capabilities within the solution allowing for a more complete end-to-end work stream, and allowing for more work streams to be configured.

**Roles & Responsibilities:**

* Requirement Analysis and Validation
* Involved in design and architecture calls of the application.
* Involved in the implementation phase for developing UI using **Angular**, Service using **Spring IOC** and DAO code using **Hibernate with JPA**.
* Implemented java services and consumed the Cordys BPM web services using Apache CXF plugin with SOAP.
* Implemented the complex UI screen for inventory functionality with custom editable feature using **prime faces** editable data table.
* Implemented **the file upload functionality** for uploading the documents into alfresco.
* Involved in the KT session to the new resources about functionality and high-level architecture.

**Project: Financial Modules of** (Aug 2011-Jul 2013)

**Client**: FedEx

**Technologies:** Java, JSP, Servlets, JDBC, EJB, PL/SQL, Restful, Apache-POI.

**Role**: Java Developer

**Servers and Tools:** Ant, Web logic and OC4J application server, Eclipse, PL/SQL developer, i-net crystal clear.

**Description:** is a Multimodal Freight Management System.  is a web-centric enterprise application, seamlessly integrating Air and Ocean operations which meet all the information requirements of freight service providers in moving their customers’ shipments across various geographical locations. It automates the multi-mode transportation functions and offers visibility of the goods in several stages of processing, both to the freight forwarders and their customers, at any given time. It handles all operational, financial information needs of Air, Ocean and Trucking supports EDI processing.

**Roles & Responsibilities:**

* Understanding the functional requirements.
* Designing and implementing business logic of the product using Servlets and EJB.
* Implemented Restful web services with Jersey implementation for transferring financial data to/from e-customs application.
* Designed the pdf reports using i - crystal clear, PL/SQL procedures and integrated with application for showing financial transactions.
* Implemented financial reports (AR/AP Outstanding reports, Profit and loss report) in Excel format using Apache-POI package.
* Documentation of technical flow of new major implementations for future reference.

**Project: Core**  (Jul 2010-Jul 2011)

**Technologies:** Java, JSP, Servlets, JDBC, EJB, JMS, PL/SQL, spring, Hibernate.

**Role**: Java developer

**Servers/Tools:** Ant, Web logic and OC4J application server, Eclipse, PL/SQL developer, i-net crystal clear, Poseidon for drawing UML diagram.

**Description:** e-Trans is web-centric enterprise application, seamlessly integrating Air, Ocean and Truck operations which meets all the information requirements of freight service providers in moving their customers’ shipments across various geographical locations. It automates the multi-mode transportation functions and offers visibility of the goods in several stages of processing, both to the freight forwarders and their customers, at any given time. It handles all operational, customer relations, financial, marketing and sales information needs of Air, Ocean and Trucking.

**Responsibilities:**

* As a Core Product Development team member, worked on development of many change requests to the core product.
* Involved in Coding, Unit testing, Integration testing.
* Issue fixing in the existing system.
* Worked for Demo Support for customers like **Jacobson** and **UTC**.
* Worked on Creating Crystal clear Reports and PL/SQL objects (Procedures, Packages) for preparing data required in the reports.
* Enhanced the entire account module in core product as per specific client product version.

**Education:**

* Bachelor of Technology in Computer Science and Engineering from Jawaharlal Nehru Technological Universitywith **74%** (2006 - 2010)**.**