Rehaman Naguru

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Professional Summary

- 7+ years of Experience in Java Full stack in **Design, Development,** and **implementation** on **web-based** and **client-server-based** applications and **Mobile Applications**. Experienced in **Sprint Planning**, **Scrum process**, Software Development Life Cycle **SDLC** including **Agile**, and **Waterfall** through implementation and testing.
- Proficiency in developing web applications and Experience in developing responsive front-end screens using **Angular, HTML5, CSS3, React, Angular JavaScript, Typescript, jQuery**, and **Bootstrap**.
- Engaged with creating Applications using **React native** components, Events, Forms, Navigation, **Redux** concepts, and **Single Page Applications (SPA**) Using **JavaScript MVC** framework such as React JS.
- Executed **Angular 4** components router for navigation and services to interface the web applications to backend **APIs** and Implemented Controllers, factories, and Angular UI for bootstrap in **AngularJS.**
- Utilized **JSON** Objects for proficient client-side coding and **JavaScript/Typescript** layout design and proficient in developing single web pages using **JavaScript**, **ReactJS,** Express.js**, Bootstrap,** and **NodeJS**
- Hands-on experience with **Object-oriented** Concepts focused mainly on **Inheritance, Abstraction, and polymorphism** and responsible for client-side validations using angular directives and **jQuery.**
- Excellent knowledge in **Object oriented Concepts** and **Design Patterns.** Deep understanding of **Core Java Concepts** including **Exception Handling**, **Multi-Threading**, **Collections,** and **Input/output**.
- Proficient in Design Patterns like Session Facade, Business Delegate, **Design Patterns** like **Singleton**, **Business Delegate,** and **MVC** in the development of multi-Tier distributed Enterprise Applications
- During **Integration** and **QA testing** gained knowledge on testing and deployment of the application on a web logic Application server. Coordinated with the QA team for test plan and resolved defects.
- Involved in Developing multiple **Java Interfaces** to Integrate the **database transaction tables** into the **Web Services**. Delivered software products across the enterprise, which were developed using microservices.
- **Coding** experience in **Java 11 and Java 8** for the Server side and standard of coding for the entire application. Worked on developing **J2EE-based** applications using **Core Java, Servlets, JSP, JDBC,** and **Hibernate**.
- In Depth of Knowledge and Hands on experience in a **microservice** architecture, with spring Boot-based services interacting through a combination of **REST** and **Apache Kafka,** and **Spring4 message broker.**
- Experience in Creating **RFP (Request for Proposal)** microservice to provide **RESTful API** utilizing Spring Boot with **Spring MVC** and **Restful** web services calls for POST, PUT, DELETE and GET.
- Hands-on experience in **SOA** implementations – **SOAP (JAX-WS),** REST (JAX-RS). Experience in Web Service automation testing using **SOAPUI.** Involved in testing web services and XML files using **SoapUI**.
- Experience in **Spring core module** to implement the dependency ingestion through beans factory and application context layers and configured the **XMLs** for managing dependencies.
- Worked on **hibernate** as well as **SQL** queries on **HBM (Hibernate Mapping)** configuration files. Skilled in **Hibernate Query Language (HQL)** and Criteria-based queries to work with **Oracle** databases.
- Expert in JWT **(JSON Web Token)** to share the information between client entity and server entity and **OAUTH** for Defining authorization protocols. Experience with Passport, token, and filesystem in **NodeJS.**
- Experience in **Apache Kafka** and **Azure Scheduler** used for **message queues** to communicate and process operations asynchronously. Worked on **Spark** (spark streaming, spark SQL), **Scala,** and **Kafka**.
- Worked on creating an automated script for **REST-API testing** using Rest Assured framework. Using the **TestNG** testing Framework, written test cases for **unit testing**.

- Experience in **database** objects like Tables, Views, and entity classes in **Oracle** and **MySQL.** Strong **MongoDB** administration skills in **macOS** and Windows. Used tools like **Mongo compass and Atlas.**
- Excellent and in-depth knowledge of **Portal Server** and **WebLogic Server.** Strong Experience in handling different Web Servers like **Apache Tomcat**, **Apache HTTP Server,** and **Jetty.**
- Experience on build tools like **Maven** and **Ant** for projects to generate code analysis reports and working on **Gradle** scripts for building and deploying the application in web/App Servers.
- Worked on version control tools like **SVN**, **Tortoise GIT**, and **GIT** that can update and track coding changes in source code and build and manage the teamwork. Conducted merge as part of peer reviews.
- Hands-on experience with **Docker orchestration** and **Docker containerization** using **Kubernetes**. Used **Docker** to virtualize the servers for development and test environments with **Docker** containers.
- Worked on cloud-based servers like **AZURE, AWS,** and **GCP**. Excellent Knowledge of all three and worked on Google Cloud Platform (**GCP)** services like compute engine, cloud load balancing, and storage.
- Analyzed and Developed Cloud architecture Design for customers looking to migrate new **PaaS, IaaS**, or **hybrid solutions** utilizing **Microsoft Azure.** Migrated SQL database to **Azure Data Lake**.
- Hands-on Experience in **Amazon Cloud** (**EC2**) Hosting, **AWS** Administration, **S3 buckets**, policies, and creation of **IAM role-based policies**. Knowledge Deploying of **SPA** on the **AWS S3 bucket** in the **AWS**
- Experience in **JIRA** to capture, organize and prioritize issues. Experience with **JIRA** bash shell Scripting and managing test suits, and defects in HP Quality Centre, ATM**, Rally, Remedy**, and **JIRA.**
- Experienced in manual **testing** procedures and automated tools like QTP, Bugzilla, and **JIRA**. Performed bug reporting and bug-tracking using test management tools such as **Bugzilla and JIRA**

Skills

Web Technologies	HTML, HTML5, DHTML, XHTML, XML, CSS, CSS3, TypeScript, JSON, jQuery, AJAX, DOM, RWD, SASS, SCSS
Web Services	RESTful, WSDL, SOAP, UDDI, Axis2, AWS (Amazon Web Services), Axis2
Web Servers	Apache Tomcat, Glassfish, WebSphere, WebLogic, JBoss, Nginx
Web Debug Tools	Mozilla Firebug, Chrome developer tools
Java Technologies	Spring, Spring Boot/MVC, Hibernate, Servlets, JDBC, JSP, JSTL, Swing, Scala
JavaScript Technologies	React.js, Redux, EXT.js, Require.js, AngularJS, Angular 2/4/5/6/8, Express.js, Node.js, Vue.js, Backbone.js
Testing Frameworks	Junit, Jasmine, Karma, Protractor, Mockito, Jest, Log4j
Tools and Packages	GIT, IntelliJ IDE, Eclipse IDE, GitHub, Maven, Gradle, ANT, Jenkins, JIRA, Swagger, Grafana, Bitbucket, Docker, Kubernetes, Apache Camel, Kibana, Nexus, Ruby, Nagios, Hadoop, Jersey, Prometheus, Pig, Hive, MapReduce
Programming Language	Java, JavaScript, Python
Operating Systems	Windows, UNIX, LINUX, Mac OS.
Database/RDBMS	Oracle, MS SQL Server, MySQL, MongoDB, Redis, Cassandra, CouchDB, PL/SQL, PostgreSQL, Dynamo DB, Boto3, NumPy, Pandas library
Cloud	AWS, AZURE, GCP, PCF

Professional Experience

Chewy Inc, Boston, Massachusetts   **May 2022 – Present**
Senior Full Stack Developer

Description: Chewy, Inc. is an American online retailer of pet food and other pet-related products. Head Quarter based in Dania Beach, Florida. I am Responsible for the Design, Development, testing, and implementation of software functionality. Created and modified complex programs, modules, routines, scripts, and data objects. Worked on Chewy Mobile Application.

Responsibilities:

- Actively involved in requirements **Gathering, Analysis**, **Conceptual Design,** and **Agile** methodology and took part in the Software Development life Cycle (**SDLC**) for the projects assigned to our team.
- Involved in Designing and developing a modern, responsive user interface and intuitive user experience for top-notch applications using **HTML5, CSS3, AJAX, Bootstrap, jQuery,** and **SASS.**
- Involved in building applications using **ReactJS** by building reusable **UI Components**. Used Sorting, Pagination, and rendering for search product pages and **Controllers** to handle events triggered by clients.
- Used **ReactJS with Redux** to create a single-page web application with efficient data flow between the **client and server** and used to create Controllers to handle **events** triggered by clients to send requests.
- Responsible for Programming in **JavaScript** frameworks **ReactJS**. Worked with advanced **JavaScript** concepts like **Closures, Prototype,** and **Inheritance**
- Worked and Implemented unit testing of **JavaScript** applications using frameworks like **Jasmine and Karma.** Used new **Java 11** features such as **Lambdas, Streams, Observables,** and **Completable Futures.** Implemented **Java 11** with hibernate in the **IntelliJ** platform for more efficient programming and resolved bugs in the code.
- Developed many **RESTful Microservices** using **Spring Boot, Thyme leaf, and Kafka** listeners. Took responsibility from inception to **design, develop** and **deploy microservices** to production.
- Developed **REST** service with Spring **MVC**, serving **JSON** payloads to a Drupal/PHP-based front end. Integrated using **Web Services (REST)**, **MQ Messaging**, and several Rest webs services.
- Worked on **REST Web services** and **REST framework** for backend services, using **Mongo DB(NoSQL)** for database services. Implemented **JAX-RS** using **RESTful** web services using **Jersey.**
- Built **REST-based web services** with **Spring Web Services**, integration, and coordination with several web service clients. Developed **RESTful** that allowed integration of the business application also for the future.
- Worked in **Microservices-Spring Boot**, **Pivotal Cloud Foundry** (PCF), and Engagement using **Spring Boot**. Implemented the application modules using **Spring Core layer** (IOC), **Spring Security,** and **Spring AOP**
- Used **Spring Core annotations** for **Spring Dependency Injection**, **Spring MVC** for Rest API, and **Spring Boot** for **microservices**. Worked on proof of concept for implementing **Sleuth/Zipkin** in **Spring MVC** application and implemented Sleuth/Zipkin in all microservices applications using Spring Boot.
- Deployed **Spring Boot-based** microservices **Docker** container using **Amazon EC2** container services and using **AWS** admin console. Developed **Spring JMS** Message listeners to process messages asynchronously.
- Integrated Spring with **Hibernate** for data access. Developed backend using EJB, **Hibernate,** and **JMS**. Used **Hibernate** for developing the **DAO** layer and caching system for real-time performance.
- Designed and Developed **OAuth2.0-based RESTful** service for connecting third-party **API.** Implemented OAuth 2.0 authentication, token authentication with OAuth, and OAuth protocol for single sign-on.
- Implemented **Kafka** producer and consumer applications on **Kafka** cluster setup with the help of **Zookeeper.** Used Spring **Kafka** API calls to process the messages smoothly on **Kafka** Cluster setup.
- Worked on **MongoDB** database concepts such as locking transactions, indexes, sharding, and replication. Using **Swagger** Framework, actualizing the Restful API and **Swagger** gives the rich UI to test **API**. Documented the REST APIs using **Swagger** API for briefing the services involved in the application.

- Deployed **Spring Boot-based** microservices in **Docker** and **Amazon EC2** container using **Jenkins.** Used **Apache Maven** as a Build tool to automate the build process for the entire application.
- Responsible for setting up **public/private cloud** infrastructures for **PROD** and **NON-PROD** environments using **EC2** instances and serverless computing using **AWS Lambda Functions.**
- Connected to **Amazon S3 buckets** using **AWS SDK** as it is used as an object storage service. Developed API using **AWS Lambda** to manage the servers and run the code in the **AWS** of different availability zones.
- Created server **instances** on **AWS**. Deployed microservices with spring Boot into containers using **AWS** and Docker Involved in complete application stack in **AWS EC2, S3 Bucket**, **Auto Scaling**, and **ELB.**
- Involved in Testing and Utilized the **JUnit Mockito framework** for **unit testing**. Did unit testing for newly developed components using **Junit** Performed Test Driven Development TDD using **Junit** and **Mockito.**
- Worked on various **Jira** plugins such as **Jira client, Jira importer plugin, and Jira Charting Plugin**. Migrated **Jira** across the environment for project tracking and worked on **Jira** database **MYSQL** dumps.
- Extensively worked on **Jenkins** to implement continuous integration (CI) and Continuous deployment (CD) processes.
- Worked with **JWT** framework for **JSON** web tokens for authentication and authorization security configuration using Java Spring boot. Designed and deployed both **XML** and REST Web Services.

Technical Stack: HTML5, CSS3, AJAX, Bootstrap, jQuery, React, Redux, JavaScript, Karma, Jasmine, Java 11, REST API, RESTful, Spring boot, Spring, Hibernate, JWT, OAuth, Kafka, MongoDB, Swagger2, JUnit, Mockito, Maven, Git, Bitbucket, Jenkins, Docker, AWS, JSON, XML.

Unissant, Ashburn, Virginia   **January 2022 – May 2022**
Senior Software Engineer

Description: Unissant provides advanced data analytics that empowers clients to meet their business goals. With deep expertise in finance, health IT, national security, and energy. I worked as a Senior Software Engineer, designing and implementing software applications. Work with users in an Agile development approach to understand requirements.

Responsibilities:
- Developed fully functional modules using **React, HTML5, CSS3, Bootstrap 3, JSON** and **Node.js**. Created different **HTML** form controls using **React** forms and validations.
- Worked in **React JS** for creating interactive UI using one-way data flow, **virtual DOM**, **JSX**, and **React** concepts. Build **React** application utilizing **Redux** for state management.
- Used Babel as a transpiler, and Webpack as the module bundler in **React.js and Redux**. Worked in **React JS** for Creating interactive UI using one-way data flow, **Virtual DOM, JSX, and React** concepts.
- Coded **JavaScript** for page functionality and Lightbox **Plug-in** using **jQuery.** Worked with **MVVM** pattern and developed view – models. Designed portfolio review Dashboard using JavaScript.
- Conducted **Unit testing** using the open-source **karma** and **Jasmine** tools and used **Protractor** for end-to-end testing. Developed unit tests for each new feature implemented using **Mocha** and **Chai.**
- Responsible for **Java** Mail **API and** implementing automated functionality to generate e-mails to the managed whenever a user registers for the applications. Used **Java 8** to Implement Runnable using the **Lambda expression** to replace the anonymous class.
- Expertise in **Spring-based microservices** and enabled discovery using the Eureka server. Created standards and patterns for deploying a **spring boot** data **microservice architecture** to the cloud.
- Created **Maven builds** to build and deploy **Spring Boot microservices** to internal enterprise Docker. Implemented **REST Microservices** using **spring boot** and used Drools (Rules Engine) to maintain Dynamic UI. Developed **Microservices** using Spring MVC, Spring Boot, and **Spring Cloud**.
- Developed **Microservices** using **spring boot, and spring security** and deployed to **JSON** web token. Designed and developed a **Restful API** for different modules in the project as per the requirements.

- Used **Node.js** frameworks like Express and Rectify to mock **a RESTful API**. Developed **REST APIs** using **Spring MVC** and **Spring boot** and hosted all microservices to the cloud.
- Used Jenkins as a Continuous Integration tool to deploy the **Spring Boot** Microservices to Pivotal Cloud Foundry (PCF) using build pack. Expert in **Micro Services** architecture, with **Spring boot**-based services interacting through a combination of **REST** and **Spring boot** tools for more efficient programming.
- Used Spring **ORM** module for integration with **Hibernate** for the persistence layer. Developed **hibernate DAO** Accessor Classes using **Spring JDBC** Template, Worked with **Hibernate** for object-relational mapping.
- Worked on the middle-tier framework with **Spring Hibernate** and spring connectors to tie back-end business logic/systems with web properties via a corresponding **RESTful API**.
- Implemented Security for the **Spring Boot** applications using **OAUTH2** and applied strong authorization and authentication mechanisms. Used spring security for application using **OAuth**.
- Used **RabbitMQ** for messaging queue services, **messaging broker**, Redis cache for caching applications data in **PCF,** and elastic cache in Kubernetes environment. Designed RabbitMQ queues and exchanges.
- Integrated with **Oracle** Sales Cloud with an emphasis on Opportunity Management, and Quotation Management. Worked with the application support team to migrate the **Oracle** application to **Postgres**.
- Worked on designing and implementing disaster recovery for the **PostgreSQL** Database and reviewed all **PostgreSQL** logs for problems. Recovered, and upgraded all of the **PostgreSQL** databases.
- Used **Postman** API to get a visual display of query results and **Postman** for **RESTful** API service. Coordinated with the testing team for all the test cases for a project using **Junit, and Mockito**.
- Actively participated in teamwork and managed code version using **git and** used **Maven** to handle the dependencies as well as used **Jenkins** for CI/CD. Build **Jenkins jobs** to provide continuous automated builds.
- Deployed **Azure** IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets. Implemented high availability with **Azure Classic** and **Azure** Resource Manager deployment models.
- Involved in web application deployments over cloud services on **Azure**, using VS and PowerShell. Migration of **virtual Machines** to **Azure Virtual Machines** for multiple global business units
- Contributed to the support forums specific to **Azure Networking, Azure Active Directory,** and **Azure Storage** for Confidential Developers Network. Managed **Azure** infrastructure management.
- Used Servlets and **JSPs** in developing the web application on **Apache Tomcat 7**. Involved in designing and developing the **JSON, and XML** Objects with **MySQL**.

Technical Stack: HTML5, CSS3, AJAX, Bootstrap, jQuery, React, JavaScript, TypeScript, Karma, Jasmine, Java, REST API, RESTful, Spring boot, Spring, Hibernate, JWT, OAuth, RabbitMQ, Oracle, Postgres, Postman, Junit, Mockito, Maven Log4j, Git, Bitbucket, Jenkins, Azure, JSON, XML.

Deutsche Bank, Mumbai, India.   **October 2018 – July 2021**
Software Developer
Deutsche Bank is a German multinational investment bank headquartered in Frankfurt. I am a part of the global team, that works on a global platform for payment processing as a Software Engineer. Includes design and development of code.

Responsibilities:
- Developed Single-page Responsive web pages using **HTML5, React, CSS, JavaScript** and **jQuery**.
- Developed the web application with the newest **React** features centralized with **hooks.**
- Worked in **React JS** for creating interactive UI using one-way data flow, virtual DOM, JSX, and React concepts. Build React application utilizing **Redux** for state management.
- Responsible for Developing web applications using **Java, Spring Boot, Spring MVC,** and **SOAP** web services. Worked in an Agile team of **Java** developers for a fast-paced software development firm.
- Implemented the middle tier using the **Spring3 framework**, including **Spring, and Spring MVC**.

- Experience with **Spring Batch**, a framework for building batch processing applications, and proficiency in using it to create complex batch **jobs** and **workflows.**
- Experience in testing and debugging **Microservices-based** systems using tools like **Postman** and **Swagger**, Used different testing techniques like **integration testing** and contract testing to ensure **Microservices** interoperability.
- Implemented **message communications** using **Java** mail to notify users of changing profiles or payment processes.
- Responsible for designing the **database** and developing **SQL Queries**, and stored procedures on **MySQL.**
- Designed the **database schema** and configured **Hibernate ORM** files to map **Java** classes to **database tables.** Involved in the process of automating and deployment of **Cassandra** environments using **Chief recipes.**
- Used **Junit** framework for **unit testing** of client inbound and outbound **web services** and **Log4j 1.2** to capture the log that includes runtime exceptions.
- Involved in Performing client acceptance and prototyping using **Azure Compute** and **SQL Azure instances**. Deployed **Azure IaaS** virtual machines and Cloud services (PaaS role instances) into secure VNets and subnets.
- Used **Maven 3.**1 for creating the projects archetype and building the interface modules for creating war and ear files. Developed event-driven applications using **AJAX, JSON,** and **XML**

Technical Stack: HTML5, CSS, React, Redux, JavaScript, Java, REST API, RESTful, Spring boot, Hibernate, Kafka, Cassandra, JUnit, Mockito, Gradle, Git, Bitbucket, Azure, JSON, XML.

AbbVie, Bangalore, India.   **August 2015– October 2018**
Java Developer
 AbbVie is an American publicly traded biopharmaceutical company. I am responsible for providing software requirements, design, and implementation for current and next-generation software and systems projects.

Responsibilities:
- Developed fully functional modules using **React, HTML5, CSS3, Bootstrap 3, JSON**. Created different **HTML** form controls using **React** forms and validations.
- Developed single page web application using **JavaScript** framework **angular** and created multi custom directives.
- Involved and Developed web applications using **Java, Spring Boot, Spring MVC,** and **SOAP** web services.
- Worked in an Agile team of **JAVA** developers for a fast-paced software development firm and implemented a function that stores the given data in the directed **database.**
- Integrated Hibernate with other **Java** frameworks, such as **Spring** and Struts, to create robust and maintainable applications that followed best practices and **design patterns.**
- Involved in Developing **web services** for sending and getting data from different applications using **SOAP 1.1 messages**, such as Loan Applications, to transfer data from Branch Server to Head Office Server**.**
- Worked on **Spring Tool** Suite for developing interface modules and web applications using **Spring MVC**.
- Developed an automated application using **JMS** for messaging and **JNDI** to interact with the Server.
- Experience in breaking down **monolithic** applications into smaller, loosely coupled **Microservices**, and proficiency in using different communication patterns like **SOAP**, and messaging for communication between Microservices.
- Used **Maven 3.1** for creating the projects archetype and building the interface modules for creating war and ear files. Deployed the application on a **WebLogic** server on a **UNIX** platform.
- Developed **Microservices** using spring boot and deployment in **Pivotal Cloud Foundry (PCF)**.
- Created server **instances** on **AWS**. Deployed microservices with spring Boot into containers using **AWS** and Docker Involved in complete application stack in **AWS EC2, S3 Bucket**, **Auto Scaling**, and **ELB.**

   Technical Stack: React, Java8, HTML5, CSS3, JavaScript, TypeScript, jQuery, Spring Boot, Spring MVC, SOAP, Junit, SVN, Unix, PCF, AWS