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**PROFESSIONAL SUMMARY**

* Around 7 years of full stack development experience in all phases of **Software Development Life Cycle (SDLC)** which includes **Analysis, Design, Development, Implementation and Testing** of web based, enterprise business applications using the **JAVA/J2EE** technologies
* Hands on experience in the implementation of **Core Java SE 8** concepts **like Streams API, Lambda functions, Generics, Time API, Functional Interfaces Multithreading, Transaction Management, Exception Handling and Collection API.**
* Expertise in developing **Microservices** using **Spring Boot** and **Node JS** to build more physically separated modular applications. Used **Microservices** to build **RESTful API** utilizing **Spring Boot** and **Spring MVC**.
* Good Knowledge and Experience on implementing Spring Cloud- Netflix OSS Stack for micro Services deployment, Zuul for API Gateway for routing, Hystix (Circuit Breaker) for latency and fault tolerance and Eureka for service registration.
* Proficient in implementation of **spring frameworks** like **Spring MVC, Spring IOC, Spring REST, Spring Batch, Spring Security and Spring Boot**.
* Having good knowledge on REST API's, utilized it for performance tuning of web applications and implementing exception handling and Controller Advice annotations in Spring Boot.
* Well experienced on implementing **SOA** (Service Oriented Architecture) using **Spring REST** to create REST resources that include several components like **Jersey Framework, spring Boot, JAX-RS.**
* Experienced in configuring and deploying applications on different servers such as **Apache Tomcat, Web logic.**
* Have good knowledge on different databases like **PostgreSQL**, **MySQL**, **DB2**, **Microsoft SQL Server**, **NoSQL DB (Mongo DB and Cassandra)**
* Expertise to interact with **relational databases** using **ORM** frameworks like **Hibernate, Spring Data, JPA**
* Good experience in writing stored procedures, functions and triggers using **PL/SQL** in **JDBC**.
* Good Knowledge on **Docker components** like **Docker Engine, Hub, Machine, Compose** and **Docker Registry** and **Kubernetes** with zero-time deployment.
* Experience in Developing User Interface (UI) Rich Web Applications using Front End/User Interface (UI) Technologies like **HTML4/5, CSS2/3**(using **SASS**), **Type Script, Bootstrap and AJAX** by managing all facets and pipelines of application.
* Experienced in view rendering using **jQuery, React JS, Handlebar JS** and implementing **React JS** with **Redux** and **Flux** patterns to attain MVC functionality.
* Proficient with **Angular JS, Backbone JS** for customized front end app development and to achieve **MVC** design flow.
* Experience on UI testing with **Karma**, **Jasmine** for **Angular JS** **and Mocha, Chai** for **React JS**
* Experienced in using various **AWS** (Amazon Web Services) **Iaas** (Infrastructure as a Service) Components like **EC2** for running applications on virtual machines, **S3** for storing and long term back up of data
* Experience in applying **JMS** (Java Messaging Service) for reliable information exchange across Java applications using **Apache Kafka, RabbitMQ** to communicate from Client to Server.
* Implemented security functionality **OAuth 2.0** and **Spring security** to securewith **LDAP OAuth2** for generating tokens in the application using **Spring Security.**
* Experienced in setting up **CI/CD** pipelines using **Jenkins**.
* Good knowledge of **Splunk** architecture and various components. Expert in **Splunk Development, Configuration and Administration**.
* Used **log4j** which is a reliable, fast and flexible logging framework (APIs) written in Java, which is distributed under the **Apache Software License**.
* Well experienced with build tools like **Gradle, Maven and ANT**.
* Excellent Technical, Analytical, Problem Solving skills, strict attention to detail and ability to work independently, work within a team environment.
* Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues.
* Capable of dealing with new leading Technologies.

**Technical Skills:**

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| **Programming Languages** | C, C++, CORE JAVA, J2EE (SERVLETS, JSP, JDBC, JAVA BEANS, JSF) Data Structures, SQL. |
| **Web Technologies** | HTML5, CSS3, SAAS, JavaScript, AJAX, JSON, Bootstrap, jQuery, Angular2.0/4.0,5.0, React JS with Flux, Redux, Back Bone JS, Node JS, Express JS, Hapi JS |
| **J2EE Technologies & frameworks** | Servlets, JSP, JDBC, SOAP, REST, XML, Spring3.x/4.x/5.x, Hibernate, Spring MVC, Spring Boot, Spring Data, Spring Batch, Spring cloud. |
| **Databases** | DB2, SQL Server 2000/2005/2008, MYSQL, MongoDB, Cassandra, PostgreSQL |
| **Application/Web Servers** | IBM Web Sphere, Apache Tomcat  |
| **Messaging Services** | Rabbit MQ, Apache Kafka |
| **Web service frameworks**  | JAX-RS, JAX-WS, Jersey, ES6 |
| **Software Methodologies** | Agile, Scrum, TDD, Waterfall |
| **Build & Configuration Tools** | Ant, Maven, Gradle, Jenkins, Grunt, Web pack, NPM |
| **Testing Tools** | Junit, TestNG, Mockito, Jasmine, Karma, Mocha, Chai |
| **Version Control Tools** | GIT, SVN |
| **Project Management Tools** | JIRA, Rally, Microsoft Project |
| **Cloud Technologies & DevOps Tools** | AWS, EC2, S3, Docker, Lambda, Kubernetes, Docker |
| **Operating System** | Windows, Linux, Unix, MAC, MS-DOS |
| **IDE’s** | Eclipse, Visual Studio, IntelliJ, Spring Tool Suite, Sublime Text, WinSCP, Putty |

**Experience:**

**Client: Target, Minneapolis, Minnesota June 2019 – Until Now**

**Title: Sr. Java Full Stack Developer**

**Project Description:**

Target is a retail corporation. My role is in development of various applications and maintain quality for same and perform troubleshoot to resolve all application issues.

**Responsibilities:**

* Used **Node JS**, **Express JS, MongoDB** for backend to provide the **Restful API**.
* Worked with **React JS** for client-side interface to build the UI.
* Worked on **Redux** for finding bugs on the implemented architecture.
* Build configurations using **webpack** and **babel**.
* Implemented user validations and permissions using **Node JS** by communicating with the server through **RESTful** **API**.
* For client-side view rendering services,used **React JS** typically used various predefined **Redux** libraries.
* Configured **React-Redux** for state management and **React-Router** for programmatic navigation.
* Maintained the state management of the front-end components using **redux** with the help of **redux store**
* Write **SQL queries** for **PostgreSQL** databases to build **SQL functions**.
* Utilized **Mongo DB** to create **NoSQL** database design and implemented it in our project. Wrote advance queries and retrieved data in a **collection**.
* Developed **Microservices** using **Spring Boot** and initialized and built configurations boot based web applications.
* Employed **Spring Boot** for initialize and bootstrapping the build configuration for the boot-based web applications.
* Development of cloud hosted web applications and **REST APIs** using **Spring Boot** with embedded **Tomcat**.
* Implemented **Babel** Build configurations to keep the products up to date.
* Implemented **ELK(Elastic Search)** for handling the search queries quicker and faster. It helped in analysing the log efficiently.
* Hosted the **Rest APIs** and **Spring Boot** with **Tomcat Server**.
* Perform unit testing with **Mocha** and **Chai**.
* Used complete annotation driven approach to develop the application using **Spring Boot** and was involved in setting up the Spring bean profiling.
* Extensively worked on Microservices for creating API’s services with **Spring Boot**.
* Configure and use **Splunk Enterprise** for user and role authentication.
* Created microservice plugins to read the info via **RabbitMQ** message bus and send messages to **AWS SNS**.
* Implemented **Spring Cloud**-**Netflix OSS** Stack along with using **Ribbon** for client-side load balancing, **Netflix Zuul API Gateway** with **Eureka** service registry for reverse proxy infrastructure Project Environment.
* Run logs, activity tracking and commit logs using **Apache Kafka**.
* Worked on **AWS EC2** and launched configurations to automate repeatable provisioning of **AWS** resources.

**Project Environment: Node JS, Express JS, Mongo DB, Restful API, React JS, Redux, Webpack, Babel, React Router, SQL, PostgreSQL, Spring Boot, Tomcat, ELK, Mocha, Chai, Spring Boot, Splunk, RabbitMQ, AWS, Spring Cloud-Netflix OSS, Netflix Zuul, Eureka, Apache Kafka.**

**Client: Dell EMC, Hopkinton, MA August 2018 – May 2019**

**Title: Java Full Stack Developer**

**Project Description:**

Dell EMC is a multinational corporation specialized on data storage, IS, virtualization and many services. My role as a full stack developer was to develop microservices and to work on whole Life cycle process of Software Development, from the creation of Software Development Request (SDR) to Deployment, which covers creation of design documents as well.

**Responsibilities:**

* Worked as back end service developer including the development of **microservices** using **Spring Boot** and **spring cloud** technologies for microservices using **docker** containers.
* Build prototype for various required services such as **Scheduling**, **Logging** and **Notification Service** using third party **Node JS** based **JavaScript library**.
* Developed RESTFUL web services using **Spring Boot**.
* Used complete annotation driven approach to develop the application using **Spring Boot** and was involved in setting up the Spring bean profiling.
* Extensively worked on Microservices for creating API’s services with **Spring Boot**.
* Experienced in **React JS** and working with **Redux architecture**.
* Implemented various screens for the front end using **React.js** and used various predefined components from **NPM** (Node Package Manager) and **redux library**.
* Implemented **Java Script** classes using **Angular 2.0** and performed data binding.
* Decorating **angular2.0 UI bootstrap** to appear as look and feel creates unique features
* Worked as **UI** **developer** including development of UI components using **TypeScript**, **JavaScript**, **HTML** and **CSS**.
* Implemented responsive web design using **Bootstrap**.
* Used **Bootstrap** front-end framework for faster and easier web development.
* Used **OAuth 2** which is a lightweight authentication framework with a central authorization server and generates an access token to access a protected resource on a resource server.
* Integrated spring with Hibernate for data access from **MySQL** Database.
* Composed and executed **Cassandra DB** scripts and queries to fetch and test data from **NoSQL** databases.
* Deployed applications using **Docker** container for easy management and customized it for pushing images.
* Managed all the container applications with **Kubernetes** which helped in focussing on HA, scaling and fault tolerance
* Used **Apache Kafka** (Message Queues) for reliable and asynchronous exchange of vital information between multiple business applications.
* Extensively used **Mocha** and **Chai** JavaScript unit testing tools for testing **JavaScript** pages
* Used **MAVEN** for building the project, dependency and documentation which is based on **POM**
* Used **AWS EC2** instance and used **S3** for storage. Worked on configuration of **AWS** for fault tolerance and auto-scaling.
* Used **Splunk** along with **Kafka** for log monitoring.
* Experienced and expert in using **GIT** repository.

**Project Environment: Spring Boot, Spring Cloud, Docket, Node JS, React JS, Redux, Angular 2.0, JavaScript, HTML, CSS OAuth2, Bootstrap, MySQL, Cassandra DB, Kubernetes, Apache Kafka, Mocha, Chai, Maven, Aws, Splunk, Git**

**Client: New York state govt - Dept of health August 2016 – August 2018**

**Title: Java Full Stack Developer**

**Project Description:**

This is a state government project. My Roles and responsibilities as a full stack developer are to design, maintain backend functionalities, add new implementation for the project. Worked in a team where some critical development requirements were handled without any additional support and met Qualitative delivery.

**Responsibilities:**

* Developed and designed the User Interface using **Angular JS** as **Service Oriented Architecture**(SOA) application.
* Performed client-side validations using JavaScript and used **JavaScript**, **HTML5**, **SaaS**, **CSS3, JSON, AJAX**
* For multiple requests, implemented **multi-threading** for enhancing the performance.
* Developed **RESTful services** based on **Jax-RS** using **Jersey Framework**.
* Developed **Soap** web services using **Jax-WS**.
* Developed **Soap service** and **web service** in different format such as xml.
* Used **Jax-WS** security service for security integration of Soap Service.
* Implemented various cross-project functionalities using **Spring AOP.**
* Created both xml and java configuration files for setting up **Apache CXF** as **JAX-RS** runtime, **Spring Data** and **Spring JDBC template** technologies.
* Modulated Spring ORM and integrated it with Hibernate.
* Used **ORM** tool **Hibernate** along with spring framework to deal with database operations.
* Implemented various cross-project functionalities using **Spring AOP**.
* Used **Hibernate** mappings, relationships between tables and entity classes to access and update information in the database.
* Used **Spring Security** framework to setup authentication and authorization for the application.
* Used Spring batch to process the large volumes of records, logging and tracking job processing, resource management in the application.
* Built **CI/CD** process using **Jenkins** automation for multiple environment setup.
* Used **DB2** database for loading the application data, execute complex queries and perform other data related operations.
* Setup environment and data for testing.
* For **unit testing** the front-end application used **Jasmine**.
* Used **Selenium** for **Integration Testing**.

**Project Environment: Angular JS, HTML, CSS3, SaaS, JavaScript, Json, DB2, Ajax, Jersey Framework, Jax-WS, Jax-WS Security, Rest, Spring AOP, Spring Data, Spring JDBC, Hibernate, Spring Security, CI/CD, Jenkins, Jasmine, Selenium.**

**Client: Syntel Private Ltd, Chennai India June 2014 – July 2016**

**Title: Software Engineer**

**Project Description:**

Atos| Syntel is a multinational technological business service provider. Our project was related to healthcare services. My role in the project was to work on the implementation, development and testing of the health care website.

**Responsibilities:**

* Worked on **Agile Methodology** for the application development.
* Involved in the various phase of **Software Development Life Cycle**.
* Worked on the requirements of the project which involves **flow design diagram**.
* Involved in the development of the frontend website where we used **HTML, CSS, jQuery** for the **UI Development**.
* Developed User Interface view with **Spring MVC** as a **Service Oriented Architecture** application.
* Created Updates **data** using **CRUD (Create, read, update, delete)**features of **Backbone.JS**
* Used **Eclipse IDE** for the developing the **JSP’s**, **Servlets** and **Structs** in the development phase.
* Proficient on working with the **Object-Oriented Design** and **Collections**.
* Design and developed the application Struts Framework which is based on **Model View Controller(MVC)**design pattern.
* Developed codes to interact with backend **Java** and deployed the codes in **WebSphere** application server.
* Developed **UNIX shell scripts** batch processing.
* For continuous deployment and integration of the build, used **Jenkins**
* Developed the libraries using **Multithreading concepts**.
* Used **JDBC** to process the database calls.
* Developed Unit Test Cases using **Junit**.
* Worked on **Log4j** to capture the logs which includes runtime exceptions.
* Involved in fixing bugs raised from production environments.

**Project Environment**: **Java, HTML, CSS, jQuery, Spring MVC, Backbone.js, WebSphere, Structs, Collections, Multithreading, Junit, Log4j, JDBC, Shell Scripts, Jenkins.**

**Client: CSS Corp, Chennai, India June 2013 – July 2014**

**Title: Software Engineer**

**Project Description:**

CSS Corp is a multinational technological business service provider. I worked on a project focussed on the insurance. The project deals with development of applications using MVC architecture. My role was to work on developing structs and write various test cases, involve in development phase.

**Responsibilities:**

* The application is designed using J2EE design patterns and technologies based on MVC architecture.
* Involved in various phases of Software Development Life Cycle (SDLC) and Agile methodology is used for development of the application.
* Developed the application using Struts Framework that leverages the classical Model-View-Controller (MVC) architecture.
* Used Eclipse for developing JSPs, Servlets, Struts and with IBM WEB SPHERE server in the development phase.
* Wrote Unit test cases using JUnit & Mockito framework.
* Used ANT for automated build and deployment on IBM WebSphere.
* Handled Java Multi-threading part in back-end component, one thread will be running for each user, which serves that user.
* Used SOAP for transmission of large blocks of XML data over HTTP.

**Project Environment: J2EE, Structs, MVC, Eclipse, Jsp’s, Servlets, Structs, Web Sphere, Junit, Mockito, ANT, Multi-Threading, SOAP.**

**EDUCATION**

**Bachelor of Computer Application**, Madras Christian College, Chennai, India