**Chandrakanth B**

**Sr.Java Full Stack Developer**

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**CAREER OBJECTIVE:**

Highly motivated **Java Full Stack Developer,** driven by a commitment to excel in meeting complex development objectives within tight timeframes. I am a strategic thinker with a talent for innovative problem-solving and a focus on producing efficient, reliable code. Passionate about building cutting-edge software solutions that push industry boundaries. Committed to upholding the highest standards of quality assurance throughout the development lifecycle. Skilled in collaborating with cross-functional teams or working independently in fast-paced environments. I aim to contribute effectively to achieving shared goals and driving success in every project.

**Professional Summary:**

Over **5** Years of experience as a **Full stack** **Java Developer** inall stages of the Software Development Life Cycle (**SDLC**), gathering requirements on Analysis, Object Design, Development, implementation, Testing, and Maintenance of **Web-based and Enterprise business** applications using **JAVA** and **J2EE** object-oriented technologies, **Agile, Waterfall** methodologies, along with cloud computing technologies like **AWS**, **Azure.**

* Knowledge of Java concepts like **OOPS**, Collections, Exception Handling, Multithreading, and developing enterprise applications using J2EE technologies like **JSP**, **Servlets**, **JSF**, **JSTL**, **EJB, JPA, JTA, JDBC, JNDI, JMS, POJO**.
* Having knowledge of **Java/J2EE** environments. Worked extensively on **J2EE** for developing Web, server-side, and client-side interfaces based on **J2EE** designpatterns. Substantial exposure working with **J2EE** design patterns like **MVC, Front Controller, Value Object, and Singleton**.
* Experience in **Angular 8/10/12/14** modules, services, directives, and creating a **SPA**, worked with **Angular** **CLI.** Experience in Advanced, **AJAX,** and **JSON** familiar with the JavaScript frameworks.
* Extensively used **JavaScript** for adding dynamic web content to Web Pages, the JavaScript frameworks like **Node.js**, **Bootstrap**, and **jQuery** plugins. Created Services and Filters using **AngularJS** with **Typescript**.
* Extensively used **JAVA 8**features such as lambda expressions, Parallel operations on collections, and multithreading, Used new **Java 11** features such as **Lambdas** and **Streams.**
* 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.
* Developed **Microservices**with Spring and tested the application using **Spring Boot**. Implemented Swagger for the **Microservices**for Documenting **Rest API** and worked on creating **Microservices**.
* Knowledge in querying **MySQL, and PostgreSQL,** Optimizing SQLqueries**, MSQL** functions**,** indexing**, PL/SQL** procedures, and exception handling. Experience in developing stored procedures databasescomplex **SQL,** data transfer between SQL serverscomplex **SQL**.
* Performed **API Testing** for the endpoint systems using **Swagger, and POSTMAN tools** and make sure the endpoint is working fine. Knowledge Develop scenario-based testing for the **JMeter scripts.**

**Technical Skills:**

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| **Programming Languages** | **Java 11.0/8.0/7.0., PL/SQL.** |
| **Java/J2EE Technologies** | **Servlets, Spring, EJB, JPA, JDBC, JSP, JSTL, JNDI.** |
| **Frameworks** | **Spring Boot, Spring Data JPA, Hibernate, Spring Security 3.2** |
| **Application/Web servers** | **Apache Tomcat 8, IBM Web Sphere 8.x/9.x, Web Logic 12c** |
| **Relational Databases** | **Oracle 10g/11g, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1, Postgres** |
| **NoSQL Databases** | **Mongo DB, Cassandra** |
| **Web Technologies** | **HTML5, JavaScript, CSS 3/4, jQuery, Ajax, Angular 12/10/6/4/js, Typescript, JSON** |
| **Cloud Environments** | **AWS, Kubernetes.** |
| **IDE** | **Eclipse, IntelliJ, Spring Tool Suite (STS) 3.8.3, Postman, TOAD** |
| **Testing &Bug Tracking Tools** | **JUNIT4/5, Jasmine, Protractor, JIRA 7.0, Bugzilla 4.4.12.** |
| **Methodologies** | **Agile, waterfall, Scrum** |
| **Build Tools** | **Ant 1.10, Maven 3.3.9, Gradle 6.4.1** |
| **Web Services** | **SOAP, REST, JAX-WS, JAX-RPC, JAX-RS, SOAP UI.** |

**Professional Experience:**

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| **Client** | **Wells Fargo, CA** |
| **Duration** | **August 2023 – Till Date** |
| **Role** | **Sr. Java Full Stack Developer** |

**Responsibilities:**

* Involved in various **SDLC** phases like Requirement gathering, Design, Analysis, and Code development,

and the project was developed using Agile-based SCRUM Methodology.

* Worked in an **Agile** development environment, collaborating with cross-functional teams to deliver high

quality.

* Experienced **Core Java** with a strong understanding and working knowledge of Object Oriented

Programming **(OOP) Concepts** like **Collections, Multi-Threading, Exception Handling, Abstraction,**

**Encapsulation, Inheritance and Polymorphism**.

* Implemented responsive UI-rich web applications with **HTML5**, **CSS3**, **JS, Bootstrap**, **Angular 14/12** frameworks.
* Extensive work experience on **Spring Framework** modules like Spring Core, Spring Web, **Spring MVC**, **Spring IOC, Spring AOP,** Spring transaction Management, Spring Data, **Spring DAO**, Spring Batch, Spring Boot, Spring JDBC, Spring Rest Services, and Spring Security.Worked on Spring Cloudintegrated projects
* Implemented various layers of the application using Spring Framework modules such as **Spring IOC**, **Spring AOP**, **Spring MVC** and **Spring ORM**.
* Optimized UI performance in **Angular 14** through the strategic use of lazy loading, AOT compilation, and efficient data binding, resulting in a 20% reduction in page load times.
* Spearheaded the implementation of responsive design principles in **Angular 14**, ensuring seamless user experience across various devices and screen sizes.
* Integrated **Angular 14** projects into **CI/CD** pipelines for automated build, testing, and deployment.
* Implemented **Java 8** features like **lambda expressions** to create and easily maintainable codebase. This improved the readability and expandability of the entire full-stack application.
* Developed **REST APIs** in **Java** to support internalization, visualize, and set portfolio performance targets. I also worked with **REST APIs** to get **JSON** data and display using JavaScript Objects.
* Created custom directives, decorators, and services for **Restful** web services using **Spring Web,** **Spring REST**, and **Spring JPA.**
* Mapped objects (**POJOs**) with the Database using **Spring Data JPA** and supported legacy portal implemented with **Spring MVC** architecture.
* Created custom payment gateway interface applications with Authorize APIs.
* Defined native queries for accessing selective combinations of data from multiple tables.
* Configured **JBOSS** Application server and used **Oracle** database with **Hibernate ORM framework** and used the functionalities of **Hibernate.**
* Worked on hosting microservices in **AWS** cloud infrastructure using Jenkins **CI/CD** pipelines.
* Implemented **Kafka** producer and consumer applications on **Kafka** cluster setup.
* Designed and developed **Java APIs** for consuming and executing **AWS** services like **AWS** **Lambda**, **EC2**, and **S3**.

**Achievements:**

* Implemented a highly scalable and secure policy management system using **Java, Spring Boot,** and **Angular**, reducing policy processing time by 30% and enhancing customer satisfaction.
* Led a cross-functional team in developing a customer portal with personalized dashboards **(Java, Angular, RESTful APIs),** driving a 25% increase in customer engagement and self-service adoption

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| **Client** | **All State, CO.** |
| **Duration** | **February 2020 – July 2021** |
| **Role** | **Java Full Stack Developer** |

**Responsibilities:**

* Extensively used **Core Java** concepts such as OOP Concepts, Collections Framework, Exception Handling, I/O System, Multi-Threading, **JDBC**.
* Wrote compact and clean code using object-oriented design approach and **Java 8** features such as Function, Supplier and **Lambda.**
* Expertise in **Spring Core framework**, applying its foundational concepts to design and develop modular and maintainable applications**.**
* Developed dynamic and responsive web pages from scratch using **HTML5**, **CSS 3** and **JavaScript**.
* Utilized **React** component-based structure to build reusable and modular UI components, simplifying the development process and ensuring consistency throughout the application.
* Utilized **React** Hooks to simplify component logic and lifecycle management, leading to code that is more succinct and easily understandable.
* Created reusable **React** components and libraries to ensure consistent code reuse throughout the application. Used props, hooks, and higher-order components to build modular and easily maintainable UI elements, speeding up development and reducing unnecessary repetition.
* Used **React JS** to build **Bootstrap** components for responsive UI objects and linked with **API** data to view and render the virtual DOM dynamically.
* Responsible for the overall layout design and prototype using **React JS** with Redux library, **jQuery** UI, **CSS**, and **HTML5**.
* Configured **JBOSS** Application server and used **Oracle** database with **Hibernate ORM framework** and used the functionalities of **Hibernate.**
* Utilized **Java 8** streams to execute data processing operations, enhancing the effectiveness of data manipulation, and enabling immediate updates for interactions on the front-end.
* Developed and executed **RESTful APIs** employing **Java 8** and **Spring MVC**, facilitating smooth communication between frontend and backend elements while following best practices for scalability and security.
* Built and upheld strong, scalable backend solutions using **Java 8**, guaranteeing peak performance and alignment with industry benchmarks. Leveraged Java's functional programming elements to elevate code quality and maintainability, ultimately streamlining development cycles and minimizing bugs.
* Implemented microservices-based architecture using **Spring Boot** interacting through **REST API**.
* **MySQL** database is used to load the application data and write **PL/SQL** procedures, and complex queries to perform various data operations.
* Developed and fine-tuned **SQL** queries using Oracle Database advanced features, such as window functions and analytics, to provide efficient data manipulation and insightful reporting capabilities.
* Developed complex **SQL** queries and views in **PostgreSQL** to generate insightful reports and analytics, empowering informed decision-making by extracting valuable insights from the application's data.

**Achievements:**

* Spearheaded the development and deployment of a real-time network monitoring application, leveraging **Java, Angular,** and **RESTful APIs**, resulting in a 30% reduction in network downtime and enhanced network reliability for JPMC customers.
* Led the design and implementation of a highly scalable customer management system, utilizing **Java, Spring Boot,** and **PL/SQL,** leading to a 20% improvement in customer onboarding and support processes.
* Recognized for outstanding teamwork and collaborative spirit, actively contributing to successful cross-functional projects and initiatives within the JPMC team.

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| **Client** | **United Health Care, USA** |
| **Duration** | **June 2017 – December 2019** |
| **Role** | **Java Full Stack Developer** |

**Responsibilities:**

* Well-versed with **Core Java** concepts like **Collections, Multithreading, Serialization,** Java Beans, and Network programming.
* Proficient in designing, developing, and deploying enterprise-level applications using Java 2 Enterprise Edition (J2EE) technologies.
* Utilized the **Spring MVC Framework** for efficient project development.
* Crafted web pages utilizing **HTML5**, **CSS3**, **Angular 6**, **Bootstrap**, **JSON**, and **Ajax**.
* Formulated a comprehensive blueprint and approach for transitioning an Angular 4 application to **Angular 6**, meticulously considering dependencies, compatibility, and potential disruptive alterations.
* Engineered **TypeScript** reusable components and services for consuming **REST APIs**, leveraging **Angular 6's** Component-based architecture and employing Webpack for the TypeScript module.
* Ensured interface compatibility and concurrency in the project by leveraging new **Java 8** features, including default and static methods, as well as the Concurrency API.
* Applied **Java 8** Method References to point to methods by their names and utilized functional interfaces.
* Ensured interface compatibility and concurrency in the project through the incorporation of **Java 8's** new features, such as default and Static methods, as well as Concurrency API.
* Worked on **Spring** Framework handling major concepts like **Dependency Injections**, **Spring IOC** Containers, and Transaction Management Declarative (annotations-based).
* Worked on server-side validation using various web forms through an annotation-based approach.
* Used Ibatis **ORM** Framework to interact with the database and used for connecting to the database and mapping the entities by using annotations.
* Wrote **SQL** Queries, **PL/SQL** stored procedures, **triggers**, and packages on Oracle database.
* Implemented **Hibernate** as an ORM tool to store the persistence data in **Oracle database** and **SAS/SQL** for creating patient profiles for the investigators.
* Extensively used **OOPS** concepts, **multi-threading**, and connected applications to Oracle database via **Oracle JDBC** Driver to generate and display various reports.