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Description automatically generated **Sumanth Krishnapurapu**

**Full Stack Java Developer**

Icon  Description automatically generatedIcon  Description automatically generated [**Sumanth.krp17@gmail.com**](mailto:Sumanth.krp17@gmail.com) **Icon  Description automatically generated** **430-283-2018** [**https://www.linkedin.com/in/sumanth-k-886kp1717**](https://www.linkedin.com/in/sumanth-k-886kp1717)

**Professional Summary:**

* With over **10 years** of experience as **Senior Java Full Stack Developer**, Profoundly versed in the entirety of the Software Development Lifecycle (**SDLC**), spanning analysis to maintenance. Specialized in crafting sophisticated **Java** **UI** applications tailored for major enterprise clientele.
* Proficient in **Analysis** and **Design** phases of software development, adept at gathering requirements and translating them into technical specifications.
* Proficiency in Waterfall and **Agile/Scrum** methodologies, adept at aligning project approaches with needs for timely delivery and quality assurance.
* Possess in-depth knowledge of **core** **Java** concepts including **OOP**, Collections, Multi-threading, complemented by expertise in **Java** **8/11** features such as Lambda expressions, Method references, Functional interfaces and Stream API.
* Skilled in **Spring** **Framework**, encompassing **Spring** **Core**, **AOP**, Data JPA and **Spring** **Boot**, to develop robust, scalable **Java** applications, streamline data access and optimize backend functionality through **RESTful** **APIs** and **microservices** architecture.
* Extensively develop web pages utilizing **HTML5**, **CSS3**, **JavaScript**, **jQuery**, **Angular** **JS**, **React** **JS**, **Ext** **JS**, **Node** **JS**, **D3** **JS**, **Typescript** and **Bootstrap**, showcasing a strong grasp of modern front-end technologies and frameworks.
* Proficient in **AWS** (EC2, S3, Lambda) and **Azure** (App Services, SQL Database) to optimize application performance and scalability across major cloud platforms.
* Proficiency in implementing the function to send and receive **AMQP** messages on **RabbitMQ** synchronously and asynchronously and send **JMS** messages to **Apache** **Kafka**, **ActiveMQ** on the edge device.
* Skilled in configuring **CI/CD** pipelines using **Jenkins**, **Docker** and **Kubernates**, automating build, test and deployment processes for seamless application delivery and scaling.
* Proficient in **Hibernate** **ORM** framework for simplified database interactions and efficient mapping of Java classes to database tables.
* Skilled in utilizing build tools such as **Ant**, **Maven**, **Gradle** and **Terraform** for automating build and dependency management processes in Java projects.
* Proficient in utilizing **IDE** tools like **Eclipse**, **Net** **Beans**, **Visual** **Studio** **Code** and **IntelliJ** for enhanced coding efficiency, leveraging features such as intelligent code completion, real-time error detection.
* Proficient in managing and configuring **Application** **Servers** like **IBM** **WebSphere**, **Oracle** **WebLogic**, **JBoss** and **Apache** **Tomcat**, ensuring optimum performance and high availability.
* Expertise in **RDBMS** **MySQL**, **SQL** **Server** and **NoSQL** databases **MongoDB**, **Cassandra** and Oracle adept at architecting, implementing and optimizing databases for robust back-end infrastructures with seamless Java application integration.
* Proficient in **version** **control** systems including **Git**, **GitHub**, **SVN** and **Bitbucket** to manage and collaborate on code repositories, ensuring versioning, code integrity.
* Skilled in **Bug** **Tracking** **Tools** such as **Jira**, **Log4J**, **Bugzilla** and **Redmine** for efficient issue and bug tracking, ensuring streamlined communication within development teams and prompt issue resolution.
* Skilled in a suite of **Testing** **Tools** such as **JUnit**, **Mockito**, **TestNG**, **Selenium** and **Cucumber** to ensure rigorous testing, efficient test automation and comprehensive test coverage in Java-based applications.
* Proficient in **Reporting** **Tools** like **SSRS**, **Tableau** and **PowerBI**, adept at creating data visualizations and reports to enable data-driven decision-making in systems.

**Education:**

**Bachelor’s in computer science May 2009**

Acharya Nagarjuna University

**Technical Skills:**

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| --- | --- |
| **Programming Languages** | Java, JavaScript, Java 8/11 |
| **Software Development Life Cycle (SDLC)** | Analysis, Design |
| **Project Management Methodologies** | Waterfall, Agile/Scrum |
| **Spring Framework** | Spring Core, AOP, Data JPA, Spring Boot |
| **Front-end Technologies and Frameworks** | HTML5, CSS3, JavaScript, jQuery, Angular JS, React JS, Ext JS, Node JS, D3 JS, Typescript, Bootstrap |
| **Cloud Services** | AWS (EC2, S3, Lambda), Azure (App Services, SQL Database) |
| **Message Brokers** | RabbitMQ, Apache Kafka, ActiveMQ, JMS |
| **CI/CD Tools** | Jenkins, Docker, Kubernetes |
| **ORM Framework** | Hibernate |
| **Build Tools** | Ant, Maven, Gradle, Terraform |
| **Integrated Development Environments (IDEs)** | Eclipse, Net Beans, Visual Studio Code, IntelliJ |
| **Application Servers** | IBM WebSphere, Oracle WebLogic, JBoss, Apache Tomcat |
| **Databases** | RDBMS (MySQL, SQL Server), NoSQL (MongoDB, Cassandra), Oracle |
| **Version Control Systems** | Git, GitHub, SVN, Bitbucket |
| **Bug Tracking Tools** | Jira, Log4J, Bugzilla, Redmine |
| **Testing Tools** | JUnit, Mockito, TestNG, Selenium, Cucumber |
| **Reporting Tools** | SSRS, Tableau, PowerBI |

Certifications :

* AWS Certified Developer.
* Microsoft Certified Azure Developer

Professional Summary :

# TD Bank

# New York, NY

*Full Stack Java Developer Apr 2022 – Oct 2023*

**Tasks & Roles:**

* Adhered to the Agile Scrum framework, encompassing iterative development cycles and daily stand-ups, while actively participating in diverse stages of the Software Development Life Cycle (SDLC) for the application.
* Engaged with key stakeholders to discern and dissect project prerequisites, subsequently transforming them into comprehensive technical blueprints and design articulations.
* Developed into Java 11, harnessing advanced features such as Type Inference within Lambda Constructs, the Epsilon Garbage Collection mechanism, streamlined Heap Profiling techniques, innovative File Methodologies and dynamic compiler thread allocation.
* Architected microservices utilizing Spring Boot, employing core Spring annotations for sophisticated dependency injection, complemented by Spring MVC to sculpt RESTful APIs within the microservice framework.
* Harnessing an extensive suite of front-end technologies spanning HTML, JSF, JQuery, JavaScript, AJAX and React JS and orchestrated intuitive and graphically-rich user interfaces, elevating overall user engagement and satisfaction.
* Strategically designed, deployed and overseen robust cloud-centric Java applications by using Microsoft Azure and ensuring paramount availability, fortified security and optimized cost-effectiveness.
* Deployed Apache Kafka as the primary messaging conduit, enabling instantaneous communication and data transfer across distributed architectures, guaranteeing seamless integration and elevated data throughput.
* Pioneered the incorporation of Docker, capitalizing on its suite of tools for advanced containerization, thereby bolstering software deployment agility and scalability through strategic provisioning.
* Deployed Hibernate as the preferred ORM framework, facilitating nuanced database interplay—spanning entity representation, schema formulation and steadfast data persistence.
* Leveraged Maven, a sophisticated build tool, to automate software compilations, orchestrate dependency management and refine the build continuum, underpinning seamless development and uniform deployment trajectories.
* Used Eclipse IDE, amplifying Java development processes by harnessing its cutting-edge utilities, ensuring heightened coding efficacy and caliber.
* Orchestrated and fine-tuned the Apache Tomcat application server, positioning Java applications for peak performance, fortified security and unparalleled availability.
* Administered MongoDB, enhancing data storage strategies and application integrations, encompassing meticulous schema structuring, adept query deployment and performance fine-tuning.
* Leveraged GIT as the version control mechanism, facilitating branch mergers, resolving developmental disparities and endorsing production release validations.
* Used Log4j for adept logging and surveillance of Java applications, ensuring exhaustive capture of diagnostic messages, bolstering troubleshooting and refining operational efficiency.
* Leveraged tool like JUnit to test code quality by architecting rigorous unit testing paradigms, underpinning the fidelity, agility and reliability of Java applications.
* Conducted troubleshooting and debugging of SSRS reports to resolve issues and ensure data accuracy.

**Project Infrastructure:**  Java 11, Agile Scrum, SDLC, Lambda, Epsilon Garbage Collection, Heap Profiling, Spring Boot, Spring annotations, Spring MVC, HTML, JSF, JQuery, JavaScript, AJAX, React JS, Microsoft Azure, Apache Kafka, Docker, Hibernate, Maven, Eclipse IDE, Apache Tomcat, MongoDB, GIT, Log4j, JUnit and SSRS.

# Carelon

# Washington, MA

*Full Stack Java Developer Apr 2020 – Mar 2022*

**Tasks & Roles:**

* Engaged in the complete Software Development Life Cycle (SDLC), from requirement elicitation to design, development, testing and comprehensive documentation.
* Offered technical guidance to business analysts, translating requirements into precise technical specifications. Operated within an Agile, CMMI-compliant framework, actively participating in daily SCRUM meetings and engaging in paired programming to ensure the timely delivery of high-quality solutions.
* Leveraged core Java technologies, specializing in multi-threading, synchronization and exception handling. Exploited the capabilities of Java 8 Stream API for bulk data operations on collections, employing both streams and parallel streams.
* Designed and constructed applications following Microservices Oriented Architecture and Spring Restful architecture, featuring Rest APIs and Spring Boot.
* Crafted dynamic single-page applications using the Angular framework, incorporating HTML5, CSS3, Bootstrap, state management and custom hooks. Additionally, generated interactive graphs employing D3 JS with JSON data.
* Employed Microsoft Azure services, including Azure Virtual Machines and Azure Blob Storage, to host, store and enhance application availability and performance.
* Optimized RabbitMQ configurations to ensure low-latency, high-throughput message delivery, even during peak traffic periods.
* Configured and managed Jenkins for continuous integration and continuous delivery (CI/CD), ensuring efficient and reliable code deployment.
* Employed Apache Ant for automating build and deployment processes, guaranteeing consistent, error-free deliveries.
* Utilized IntelliJ IDEA for efficient code development, leveraging advanced debugging, profiling and code inspection features to uphold rigorous code quality standards.
* Managed WebSphere server hosting for applications, overseeing configurations, deployments and scaling operations.
* Designed and implemented intricate data models, column families and keyspaces in Cassandra, ensuring robust data distribution and optimized performance.
* Integrated SVN version control with development and build environments, streamlining code integration, version tracking and collaborative development efforts among team members.
* Implemented Jira for meticulous tracking and management of user stories, tasks and bug fixes, ensuring timely resolution and adherence to project timelines.
* Employed the Page Object Model (POM) and Data-Driven frameworks in Selenium to maintain test scripts efficiently, leading to a well-organized and maintainable testing environment.
* Developed and maintained dynamic dashboards and reports in Power BI, facilitating data-driven decision-making and providing stakeholders with real-time insights into business operations.

**Project Infrastructure:**  Java 8, Agile, Spring Boot, Angular, HTML5, CSS3, Bootstrap, D3 JS, Microsoft Azure, Azure Virtual Machines, Azure Blob Storage, RabbitMQ, Jenkins, Entity Framework, Apache Ant, IntelliJ IDEA, WebSphere, Cassandra, SVN, Jira, Selenium (POM, Data-Driven) and Power BI.

# Homesite Insurance Boston, MA

*Full Stack Java Developer Dec 2016 – Mar 2020*

**Tasks & Roles:**

* Adopted Agile Methodology for application development, embracing iterative and collaborative practices across the software development lifecycle.
* Conducted thorough analysis employing Object-Oriented Analysis and Design (OOAD), expertly translating business requirements into precise designs using Enterprise Architect.
* Applied Core Java principles, focusing on class design and encapsulation, to ensure seamless integration and cohesive functionality for both frontend and backend development tasks.
* Employed Spring Core Annotations for Dependency Injection (Spring DI), Spring MVC for REST APIs and Spring Boot for Microservices.
* Created the front-end using HTML, CSS, Bootstrap and JavaScript. Implemented asynchronous data retrieval from the server using JSON objects with Angular JS.
* Orchestrated the deployment of the application within the AWS cloud environment using CloudFormation templates and participated in Elastic Load Balancing configuration.
* Utilized Active MQ for seamless data integration and extraction from diverse sources, facilitating robust data pipelines.
* Embraced containerization for application deployment and proficiently managed orchestrated deployments through Kubernetes, ensuring scalable and consistent releases.
* Employed Terraform to codify, plan and provision infrastructure as code, guaranteeing consistency and scalability across development, testing and production environments.
* Harnessed NetBeans' integrated debugging tools for the identification, troubleshooting and resolution of software defects, performance bottlenecks and other issues in an expedient and effective manner.
* Collaborated with cross-functional teams to maintain and upgrade the WebLogic infrastructure, ensuring compatibility and stability with evolving software components.
* Designed relational database schemas, stored procedures and triggers in Oracle, ensuring robust data integrity, optimized performance and reliability in managing large-scale data operations.
* Integrated Bitbucket for version control, streamlining collaborative coding and version tracking among the development team.
* Managed and tracked software defects and issues efficiently using Bugzilla, ensuring appropriate prioritization, assignment and resolution of all reported bugs.
* Implemented data-driven testing and parameterization in TestNG to validate various input combinations, enhancing test coverage.

**Project Infrastructure:** Core Java, Spring Core Annotations, Spring DI, Spring MVC, Spring Boot, HTML, CSS, Bootstrap, JavaScript, Angular JS, AWS cloud environment, Active MQ, Kubernetes, Java Persistence API (JPA), Terraform, NetBeans, WebLogic, Oracle databases, Bitbucket, Bugzilla and TestNG.

# eBay

# Dallas, TX

*Senior Java Developer Sep 2013 – Nov 2016*

**Tasks & Roles:**

* Conducted thorough code reviews, ensuring adherence to Java principles and identifying areas for improvement.
* Developed a J2EE application using JSP, HTML, CSS and integrated AngularJS components with JSP and JavaScript.
* Worked on Spring framework including configuring spring Application Context with Dependency Injection, Spring MVC, Spring Boot and Spring Batch.
* Leverage AWS Lambda to execute Java functions in response to events without provisioning and managing servers.
* Designed and architected complex Microservices-based systems, decomposing monolithic applications into modular, independently deployable Microservices.
* Implemented REST endpoints using various HTTP methods (GET, POST, PUT and DELETE) to perform CRUD operations on resources.
* Implemented Jenkins plugins for enhanced CI/CD functionality, such as notification plugins and performance monitoring.
* Worked with inheritance strategies in Hibernate, including single-table, joined and table-per-class hierarchies.
* Selected and configured appropriate build tools, such as Gradle based on project requirements and team preferences.
* Setting up and managing version control integration within IDEs, such as GitHub, to facilitate collaborative development and code version management.
* Utilized in database modeling across platforms such as Oracle for designing SQL Map configurations and formulating queries using IBATIS.
* Configured and fine-tuned Apache Tomcat for optimal performance and resource utilization.
* Participated in the bug tracking process using Redmine, diligently logging and updating bug reports for Java-based applications.
* Implemented publisher-subscriber and point-to-point messaging patterns using JMS.
* Utilized testing frameworks such as Cucumber to design, develop and manage comprehensive test suites for various modules and components of the application.

**Project Infrastructure:** J2EE, JSP, HTML, CSS, Angular JS, JavaScript, Spring framework, Spring Application Context, Dependency Injection, Spring MVC, Spring Boot, Spring Batch, AWS Lambda, Microservices, REST, HTTP methods (GET, POST, PUT, DELETE), Jenkins, Hibernate, Gradle, GitHub, Oracle, IBATIS, Apache Tomcat, Redmine, JMS and Cucumber.

# Persistent Systems limited Hyderabad, IN

*Java Developer Apr 2012 – Aug 2013*

**Tasks & Roles:**

* Engineered user interface functionalities using a combination of HTML, CSS, JSP, Servlets, JSTL and Ajax.
* Collaborated in Agile methodologies, consistently providing valuable feedback during daily scrums, sprint planning sessions and post-sprint retrospectives to optimize team processes and output.
* Participated in the design, development and testing of web applications and integration projects using Object-Oriented technologies, including Core Java, J2EE, JSP, Hibernate, JavaBeans and XML.
* Optimized data interactions using Hibernate, ensuring streamlined storage and retrieval of Client’s inventory and customer datasets.
* Integrated leading payment gateways, such as PayPal and Stripe, fortifying Client’s e-commerce capabilities with trusted transaction avenues.
* Created database tables and leveraged SQL and PL/SQL to author Stored Procedures, functions and Packages for complex data manipulation and updates.
* Employed Mockito for component isolation and testing, streamlining the testing of individual modules.

**Project Infrastructure:** HTML, CSS, JSP, Servlets, JSTL, Ajax, Agile methodologies, Core Java, J2EE, Hibernate, JavaBeans, XML, PayPal, Stripe, SQL, PL/SQL and Mockito.