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**Senior Java Full Stack Developer |** [**nagaakhil5473@gmail.com**](mailto:nagaakhil5473@gmail.com)**|** [**https://www.linkedin.com/in/nagaakhil/**](https://www.linkedin.com/in/nagaakhil/) **| 3025549316**

**Career Highlights:**

* + - * + Seasoned **Senior Java Full Stack Developer** with over **10 years** of expertise in end-to-end software development, cloud integrations and optimizing **Java**/**J2EE** architectures, renowned for delivering scalable and high-performance solutions across diverse platforms.
        + Proficient in application development, utilizing established Software Development Life Cycle (**SDLC**) methodologies, including Waterfall, **Agile** and Test-Driven Development (**TDD**).
        + Highly skilled in **Core Java**, encompassing Object-Oriented Programming (OOP), Multithreading, Synchronization, Serialization and leveraging **Java8** and **Java11** advancements such as Lambda expressions, Stream API and functional interfaces to enhance application performance.
        + Proficient in a diverse range of technologies, including **XML**, **JSON**, **Ajax**, **jQuery**, **JavaScript**, **CSS3**, **HTML5**, **Bootstrap** and modern frameworks like **React** and **Angular**, to create dynamic and seamless user interfaces, demonstrating a deep understanding of web development principles.
        + Expertise in **Spring modules** including **Spring IOC**, **Spring MVC**, **Spring WebFlow**, **Spring AOP**, **Spring DAO**, **Spring Forms**, **Spring Batch** and **Spring Security**, as well as **Hibernate7.1/7.2 ORM** framework. Proficient in developing multi-threaded applications and implementing design patterns.
        + Proficient in **Docker** and **Kubernetes**, championing scalable and dependable deployment methodologies. Collaborated closely with release and operations teams to streamline workflows and elevate the overall development lifecycle.
        + Proficient in utilizing **API** Gateway to develop **Microservice** for cloud computing, employing technologies such as **SpringBoot**, **SpringCloud** and Netflix-based Service Discovery, including Eureka Server and Hystrix.
        + Expertise in **AWS** and **Azure** solutions for applications, prioritizing high availability, elasticity and scalability of critical systems. Employed a range of **AWS** services, including **EC2**, **S3**, **RDS**, **IAM** and Autoscaling, as well as **Azure** services, **App Services**, **SQL Database**, to establish resilient cloud environments.
        + Expertise in deploying a comprehensive array of testing tools, encompassing **JUnit**, **TestNG**, **Selenium** and **Postman**, for the rigorous execution of unit, integration, functional and API testing.
        + Skilled in **JMS** messaging components for managing asynchronous messaging from queues, employing technologies such as **Spring JMS**, **Tibco EMS**, **Apache Kafka** and utilizing message brokers like **ActiveMQ** and **RabbitMQ**.
        + Proficiently managed build processes through the utilization of industry-standard build tools including **Maven**, **Gradle**, **Ant** and **SBT**. Ensured the seamless automation of compilation, testing and deployment procedures for Java applications.
        + Expertise in premier Java Integrated Development Environments (**IDEs**) such as **Eclipse**, **IntelliJ IDEA** and **NetBeans**, harnessing their advanced debugging, profiling, and code optimization capabilities to elevate development standards and streamline application deployment.
        + Expertise in the automation of deployment and configuration processes for various Application Servers including **WebSphere**, **WebLogic**, **JBoss** and for Web Servers like **Apache Tomcat**.
        + Expertise in design and optimize complex database structures, employing both RDBMS (**MySQL**, **Oracle**, **PostgreSQL**) and **NoSQL** databases (**MongoDB**, **Cassandra**). This ensured efficient data handling for Java applications.
        + Proficient in version control systems like **Git**, **SVN**, **BitBucket** and Mercurial for code management and experienced in branch strategies, code reviews, merging conflict resolutions and integrating with CI/CD pipelines.
        + Utilized robust bug tracking and issue management tools, including **JIRA**, **Bugzilla**, **Redmine**, **Trello** and **Log4j**, to diligently oversee, document and prioritize software defects and enhancements.
        + Skilled in using Entity Framework and **EFCore** for **ORM**-based data operations, ensuring optimized database queries.
        + Experience in creating rich desktop applications using **WindowsForms** and Windows Presentation Foundation.

**Skills & Toolset:**

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| **Programming Languages** | Java, JavaScript, C#, , SQL, HTML5, CSS3 |
| **Frameworks and Libraries** | Java/J2EE, Spring (IOC, MVC, Web Flow, AOP, DAO, Forms, Batch, Security), Hibernate, React, Angular, Bootstrap, Web API, Entity Framework, EF Core |
| **Cloud Platforms & Services** | AWS (EC2, S3, RDS, IAM, Autoscaling), Azure (App Services, SQL Database) |
| **CloudTechnologies & Microservices** | Spring Boot, Spring Cloud, Netflix Eureka Server, Netflix Hystrix, API Gateway |
| **Containerization & Orchestration** | Docker, Kubernetes |
| **Web Development Technologies** | XML, JSON, Ajax, jQuery |
| **Messaging Technologies** | JMS, Spring JMS, Tibco EMS, Apache Kafka, ActiveMQ, RabbitMQ |
| **Testing Tools** | JUnit, TestNG, Selenium, Postman |
| **Build and Deployment Tools** | Maven, Gradle, Ant, SBT |
| **IDEs** | Eclipse, IntelliJ IDEA, NetBeans |
| **Application & Web Servers** | WebSphere, WebLogic, JBoss, Apache Tomcat |
| **Databases & Data Handling** | RDBMS (MySQL, Oracle, PostgreSQL), NoSQL (MongoDB, Cassandra) |
| **Version Control Systems** | Git, SVN, Bitbucket, Mercurial |
| **Issue & Bug Tracking Tools** | JIRA, Bugzilla, Redmine, Trello, Log4j |
| **Desktop Application Frameworks** | Windows Forms, Windows Presentation Foundation |
| **Development Methodologies** | SDLC, Waterfall, Agile, Test-Driven Development (TDD) |

**Educational Chronicle:**

* + - * + Bachelors in computer science engineering,

SRM Institute of Science and Technology, Chennai, India. (Sept 2005 – May 2009)

**Training & Certifications:**

* + - * + Oracle Certified Java SE 8 Programmer
        + AWS Certified Solutions Architect Associate
        + Microsoft Certified Azure Solutions Architect

**Employment History:**

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| **Senior Java Full Stack Developer Sep 2022 - Present**  **Client: Scotiabank New York, NY** |

**Project-Based Roles:**

* + - * + Served as an active Java Developer, making substantial contributions to the development of two distinct web-based applications, rigorously following the principles of Test-Driven Development (**TDD**) and the **Agile** methodology.
        + Engaged in the phases of **Analysis**, **Design**, Coding and Testing for the development of back-end server-side business logic.
        + Assumed a leadership role in orchestrating the design and implementation of scalable and efficient **Java 11** applications, meticulously upholding established coding standards and architectural best practices.
        + Expertly crafted user interfaces utilizing **ReactJS**, supplemented by technologies like **HTML5**, **CSS3**, **D3JS**, **JavaScript**, **XML**, **JSON**, **AJAX and**  **Bootstrap**.
        + Integrated React applications with backend APIs and services using RESTful or GraphQL APIs, effectively communicating with the server and handling data transformations.
        + Led the migration of legacy Java applications to Java 11, ensuring a smooth transition and compatibility with newer JDK features.
        + Designed and developed scalable enterprise applications using the Spring ecosystem, including Spring Boot, Spring MVC, Spring Data, Spring Security and Spring Cloud.
        + Implemented **Kubernetes** integration within **CI/CD** pipelines to automate the deployment of Java applications, thereby establishing a framework for consistent and reproducible deployments across various environments.
        + Architected and implemented Azure cloud solutions, leveraging key services like **AzureVirtualMachines**, **Azure AppService**, **Azure SQL Database** and **Azure Storage**, to ensure seamless deployment and scalability.
        + Employed **Hibernate** for persistence, crafting **HQL** queries and stored data into **PostgreSQL**, ensuring optimized data retrieval and management.
        + Authored and maintained **Ant** scripts for custom build scenarios, ensuring flexibility in build and deployment processes.
        + Utilized advanced features of popular **IDEs** like **IntelliJ IDEA** to accelerate the development process.
        + Designed and implemented **NoSQL** databases like **MongoDB** for use cases demanding flexibility, scalability and speed.
        + Spearhead the setup, configuration and tuning of application servers such as **Apache Tomcat** to support deployment and runtime needs.
        + Integrated messaging platforms like **Kafka** into the application architecture, ensuring asynchronous and decoupled communication between microservices and systems.
        + Managed source code using version control systems like **Git** ensuring effective branch management, timely code reviews and conflict resolution.
        + Utilized **JIRA** to effectively manage and track user stories, bugs, tasks and other development activities, ensuring clarity and alignment with project goals.
        + Designed and maintained unit tests using **JUnit** to ensure code robustness, reliability and maintainability.

**System & Tools Used:** Java 11, React JS, HTML5, CSS3, D3 JS, JavaScript, XML, JSON, AJAX, Bootstrap, Spring Boot, Spring MVC, Spring Data, Spring Security, Spring Cloud, Kubernetes, Azure Virtual Machines, Azure App Service, Azure SQL Database, Azure Storage, Hibernate, PostgreSQL, MongoDB, Ant, IntelliJ IDEA, Apache Tomcat, Kafka, Git, JIRA and JUnit.

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| **Senior Java Full Stack Developer April 2019 - July 2022**  **Client: AAA Insurance Coppel, TX** |

**Project-Based Roles:**

* + - * + Developed enterprise-level Java applications following the complete Software Development Life Cycle (**SDLC**) process.
        + Participated in the analysis, design, coding and testing of server-side business logic, adhering to the **AgileScrum** framework.
        + Leveraged **Java 8's** Stream API to perform data manipulation operations such as filtering, mapping and aggregation, resulting in cleaner and more readable code.
        + Utilized **Angular JS** controllers and services, along with **HTML**, **CSS**, **jQuery**, **Angular9**, **JavaScript** and **AJAX**, for professional front-end development and API communication.
        + Designed and executed comprehensive web solutions using **Spring MVC** and **Spring Boot**, optimizing for performance and user responsiveness.
        + Spearheaded the transition to a **microservices** architecture using **Spring Cloud** components, achieving superior load balancing and service discovery.
        + Deployed web applications with **Azure App Service**, utilized **Azure Functions** for event-driven architecture and established **Azure DevOps** CI/CD pipelines for automated processes.
        + Employed **HibernateORM** for data persistence, optimized data models and enhanced query performance.
        + Employed build tools like **Maven** to streamline compilation, dependency management and automated build workflows, ensuring efficient and consistent project builds.
        + Leveraged premier Integrated Development Environments (**IDEs**) like **Eclipse** to elevate code development, debugging and testing procedures, thereby ensuring heightened productivity and code excellence.
        + Optimized databases across diverse platforms, including **Cassandra**, to ensure efficient data storage, retrieval and manipulation, aligning with business requirements and industry best practices.
        + Designed, configured and managed application server environments such as **WebLogic** ensuring optimal performance, scalability and reliability of deployed applications.
        + Integrated messaging platforms like **RabbitMQ** into the application architecture to facilitate dependable and asynchronous communication among microservices, systems and components.
        + Managed source code using version control systems such as **SVN** ensuring proper versioning, tracking and collaboration among development teams.
        + Implemented diverse testing strategies, including **Mockito**, to achieve comprehensive coverage in unit, integration, functional and end-to-end testing for Java applications.

**System & Tools Used:** Java 8, Agile Scrum, Stream API, Angular JS, HTML, CSS, jQuery, Angular 9, JavaScript, AJAX, Spring MVC, Spring Boot, Spring Cloud, Azure App Service, Azure Functions, Azure DevOps, Hibernate ORM, Maven, Eclipse, Cassandra, WebLogic, RabbitMQ, SVN and Mockito.

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| **Senior Java Full Stack Developer Oct 2015 - Mar 2019**  **Client: TD Bank Cherry Hill, NJ** |

**Project-Based Roles:**

* + - * + Engaged in multiple **SDLC** phases, including Requirement gathering, **Design**, **Analysis** and Code development, utilizing **Agile** methodologies and actively participating in Scrum meetings to ensure timely, quality deliverables.
        + Harnessed advanced **Java/J2EE** methodologies to design and implement sophisticated algorithms for data processing, elevating application performance and fortifying system resilience.
        + Utilized **Angular's** reactive forms for data collection and validation, enhancing the user experience and reducing backend data validation requirements.
        + Utilized **Spring’s** full potential by employing Core annotations for Dependency Injection, **SpringMVC** for **RESTAPI** development and **SpringBoot** for **microservices**. Developed and deployed **SpringBoot** applications.
        + Streamlined **Docker** images for Java applications to orchestrate efficient communication, load balancing and scaling via **Kubernetes** pod and service management.
        + Integrated testing tools with **AWS** services like **AWSLambda**, **AmazonS3**, **AmazonRDS**, etc., to perform comprehensive testing across the **AWS** ecosystem.
        + Developed **Microservices** using **Java**, **SpringBoot and**  other relevant technologies, ensuring adherence to industry best practices and design patterns.
        + Employed **Hibernate's** Criteria API and QueryDSL to construct intricate queries, seamlessly integrating with validation frameworks such as Bean Validation to uphold impeccable data integrity standards.
        + Employed **Gradle** as a comprehensive build tool, overseeing project compilation, testing and deployment processes, thereby facilitating seamless collaborative development for successful software delivery.
        + Utilized **NetBeans** for developing Java applications, both standalone and enterprise-level.
        + Orchestrated the deployment of diverse applications on **WebSphere** encompassing setup, configuration and maintenance.
        + Created external **XML** documents and wrote **SQLQueries** to interact with the **Oracle** database.
        + Leveraged deep understanding of version control systems, including **Mercurial** to guide the team in using best practices and efficient workflows.
        + Document the **Log4J** configuration, usage guidelines and practices followed within the team for consistent logging practices.
        + Utilized **TestNG**to design and execute comprehensive test scenarios, covering various use cases and endpoints.

**System & Tools Used:** Java/J2EE, Angular, Spring (Core, MVC, Boot), Docker, Kubernetes, AWS Lambda, Amazon S3, Amazon RDS, Hibernate's Criteria API, QueryDSL, Bean Validation, Gradle, NetBeans, WebSphere, XML, SQL, Oracle, Mercurial, Log4J and TestNG.

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| **Java Developer Nov 2012 – Sep 2015**  **Client: Delta Air Lines Los Angeles, CA** |

**Project-Based Roles:**

* + - * + Engaged rigorously across all facets of the Software Development Life Cycle (**SDLC**), emphasizing analysis, design, development and quality assurance, while harnessing **Agile** (SCRUM) best practices to optimize project outcomes.
        + Architected and developed user-focused web applications leveraging a synergy of **Java**, **HTML5**, **CSS3** and JavaScript technologies, fortifying superior user engagement and responsiveness.
        + Employed **core Java** principles inheritance, polymorphism, encapsulation and abstraction — to foster the development of resilient, maintainable software solutions, while perpetually upholding coding standards and industry best practices.
        + Utilized **AWSLambda** to run serverless applications, reducing infrastructure management tasks and allowing for quicker software releases.
        + Orchestrated web application development harnessing the prowess of the **Spring** and **iBatis** frameworks, ensuring a robust and streamlined application backbone.
        + Created external **XML** documents and wrote **SQLQueries** to interact with the **Oracle** database.
        + Capitalized on libraries, including **Bean Tags**, **Logic Tags** and **HTML Tags and** pioneered custom tag libraries, intensifying application interactivity and functional richness.
        + Meticulously interfaced with **Hibernate** POJOs and mapping configurations, guaranteeing fluid synchronicity between Java domain models and database schemas.
        + Mastered Core Java paradigms such as Collections, **Multithreading** and **Exception Handling**, enabling proficient realization of complex business logic and algorithms.
        + Spearheaded the implementation of **RESTful Web Services** through the Spring **REST API**, endorsing seamless, bidirectional data communication between user interfaces and backend services, predominantly via the **JSON** format.
        + Pioneered the development of context-sensitive gadgets employing XML, ensuring impeccable integration and adaptability within the core application framework.
        + Used **Postman** to test and validate Java-based RESTful web services, ensuring functionality and performance benchmarks while collaborating with development.

**System & Tools Used:** Java, HTML5, CSS3, JavaScript, AWS Lambda, Spring, iBatis, XML, SQL, Oracle, Bean Tags, Logic Tags, HTML Tags, Hibernate, Collections, Multithreading, Exception Handling, Spring REST API, JSON and Postman.

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| **Java Developer Feb 2011 - Oct 2012**  **Client: Covalence digital Bangalore, India** |

**Project-Based Roles:**

* + - * + Interacted with the stakeholders and gathered requirements and business artifacts.
        + Designed and developed enhancements for various modules of the application.
        + Used **jQuery** for designing web pages along with **JavaScript** for client-side validation.
        + Wrote **ANT** scripts for build process management.
        + Used **Eclipse** for developing the code.
        + Used **JUnit** for the testing the application in the testing servers.
        + Providing support for System Integration Testing User Acceptance Testing.
        + Used **Oracle SQL** developer for the writing queries or procedures in SQL.
        + Involved in resolving the issues routed through trouble tickets from production floor.
        + Participated in Technical & Functional Reviews.
        + Remodeled web pages and server-side components to fit into a standard framework, which highly improved manageability.
        + Involved in Performance Tuning of the application.
        + Used **Log4J** for extensible logging, debugging and error tracing.
        + Need to discuss with the client and the project manager regarding the new developments and the errors.
        + Involved in Production Support and Maintenance.

**System & Tools Used:**  Java 6, JavaScript, Ajax, JQuery, HTML, CSS, JSP, Spring Framework, Hibernate, Eclipse 3.7, Oracle 11g.