**NITHISH REDDY**

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**PROFESSIONAL SUMMARY:**

A Proven track record of success in Java Full Stack Developer with over 3 years of experience spanning banking, healthcare, logistics, and transportation sectors. Recognized for expertise in engineering scalable, secure web applications utilizing Java, Spring Boot, React, Angular, AWS, and Azure. Proven track record in creating critical financial transaction systems, managing sensitive healthcare data, and revitalizing e-commerce platforms within Agile development life cycle. Known for expert problem solver in translating complex business requirements into scalable technical solutions. Demonstrates adaptability and thrives in diverse development settings. Strong communication skills coupled with a collaborative spirit and a commitment to excellence make me a valuable asset to any forward-thinking development team.

**TECHNICAL SKILLS:**

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| **Programming Languages** | Java, C, C++, C#, Python, JavaScript, TypeScript |
| **Front-End Technologies** | HTML5, CSS3, Angular, jQuery, ReactJS (JSX, Virtual DOM, Redux) |
| **Back-End Technologies** | JDBC, Spring Boot, Struts Framework, JSP, Servlets, Hibernate |
| **Database Systems** | Oracle SQL, PL/SQL, DynamoDB, MongoDB |
| **Cloud Services** | AWS (EC2, IAM, S3, CloudWatch, SNS, SQS), Azure (Azure Functions) |
| **DevOps Tools** | SVN, Azure DevOps, Terraform, Docker, Jenkins |
| **Version Control Systems** | GIT |
| **Testing Frameworks** | JUnit, Mockito |
| **Build and Dependency Managements** | Maven, ANT |
| **Other Technologies:** | Java Collections API, Multithreading, Kubernetes, Web Services (RESTful services, JSON), JMS, DAO, TDD, BDD, Java IDE, J2EE, jQuery, Agile, Node.js, Scrum |

**WORK EXPERIENCE**

**Client Name: RL Carriers Jan 2024 – Present**

**Description:** The Fleet Management and Optimization System project was developed to enhance logistics operations at RL Carriers by improving real-time tracking, predictive maintenance, and route optimization. This initiative significantly boosted operational efficiency, reduced maintenance costs, and ensured greater safety and reliability within the fleet. The system provided logistics managers and drivers with easy access to real-time data, optimized routes, and timely vehicle maintenance alerts.

**Job Role: Full Stack Developer**

* Engaged in the entire project lifecycle, from design through implementation to unit testing, employing agile methodologies for sprint planning and daily progress updates.
* Engineered Maven build processes for compiling and deploying Spring Boot micro-services, facilitating their distribution to an in-house Docker registry within the enterprise framework.
* Experienced in working with ORM tools like Hibernate and using JPA (Java Persistence API) frameworks and APIs.
* Built and maintained web applications using J2EE technologies like Servlets and JSP, ensuring they were secure, scalable, and easy for users to navigate.
* Designed user interfaces with a blend of technologies including JavaScript, HTML5, ReactJS, and jQuery, while also building reusable service components using ReactJS, jQuery, HTML, CSS.
* Developed dynamic ReactJS components for UI functionality, using advanced features such as JSX, Virtual DOM, Redux, and lifecycle methods to manage state and events.
* Directed data storage and retrieval through relational and non-relational databases, using Oracle SQL, PL/SQL, DynamoDB, and MongoDB, and optimized queries for performance.
* Architected RESTful APIs with Node.js and Express.js, implementing JWT authentication and MongoDB integration.
* Leveraged Apache Kafka for scalable data streaming, enhancing distributed system performance and reliability, as recognized by project outcomes.
* Applied JUnit for Java backend validation, and Jest for front-end React testing, significantly improving software quality and user satisfaction.
* Leveraged AWS cloud services, including EC2, IAM, and S3, for scalable cloud infrastructure and storage solutions.
* Implemented CI/CD pipelines using OpenShift tools to automate deployment processes.
* Collaborated with cross-functional teams to define, design, and ship new features.
* Utilized version control with GIT and facilitated agile project management and sprint planning through Azure DevOps, enhancing team collaboration and project tracking.

**Environment:** Java, jQuery, Hibernate, ReactJS, SQL, Restful web services, JSX, AWS, Java script, Redux**.**

**Client Name: DATADOT Software Solutions Jan 2022 – Dec 2022**

**Description:** The Hospinext project for Star Health was designed to streamline healthcare management by integrating patient records, insurance data, and appointment scheduling into a unified system. The project included features that allowed patients to check insurance status, interact directly with agents, and manage healthcare services efficiently. Seamless data exchange and improved user experience   
were key outcomes.

**Job Role: Software Developer**

* Developed a Single Page Application as part of an Agile (Scrum) team, utilizing Angular for the frontend, Spring Boot for the backend, and Oracle for database management.
* Specialized in Spring JDBC for robust database interactions, optimizing data access and manipulation within Spring-based applications for enhanced performance and reliability.
* Utilized JAVA Collections API and multithreading to manage data efficiently and improve application performance through concurrent processing.
* Applied various design patterns including Singleton, Factory, and MVC to structure efficient and scalable applications.
* Architected and integrated comprehensive web features leveraging Spring Boot for backend processes and Angular Material for sophisticated UI elements, boosting application performance and reducing user interaction latency by 30%.
* Improved application aesthetics and usability using CSS and Angular Material, incorporating elements like tabs, tables, and drop-down menus for a seamless user experience.
* Proficient in database management and development using PostgreSQL and Microsoft SQL Server, optimizing SQL queries and stored procedures to enhance application performance and scalability in Java-based full-stack environments.
* Explored Kubernetes concepts such as pods, deployments, services, and ingress controllers to enhance application scalability and availability.
* Integrated AWS services, including S3 for storage and CloudWatch with SNS for application monitoring and notifications, alongside Amazon SQS for asynchronous messaging between micro-services.
* Improved backend testing precision by 40% using JUnit and Mockito, streamlined CI/CD pipelines via Jenkins and maintained seamless version control with Git, enhancing deployment efficiency by 25%.

**Environment:** Java, Spring Boot, Angular, Junit, Maven, HTML, CSS, JavaScript, AWS, Junit, Mockito, Kubernetes, IntelliJ, Git.

**Client Name: CSC Jan 2021 – Dec 2021**

**Description:** The Digital Transformation project for a Retail Bank focused on modernizing banking services to enhance customer experience and security. The project involved upgrading the bank’s systems to support digital banking features, ensuring secure transactions, and providing a seamless user experience across various platforms. This transformation enabled the bank to meet the demands of a modern, tech-savvy customer base while maintaining robust security measures.

**Job Role: Java Developer**

* Built the website's look using HTML and JSP, making sure it checks user information correctly with JavaScript.
* Set up and managed the website's database through JDBC, allowing for smooth data storage and retrieval.
* Deployed microservices architecture using Node.js.
* Leveraged Maven for automatic updates and management of necessary website components, including libraries like commons-collections and commons-logging from Apache, ensuring the site always uses the latest tools.
* Expertise in leveraging Microsoft Azure Cloud platforms, including Azure Web Apps, Azure SQL Database, Azure Blob Storage, and Azure Functions.
* Ensured smooth operation by integrating and deploying the website's request-handling and page-rendering components on the WebLogic Application Server, maintaining optimal performance and user experience.

**Environment:** Java, J2EE, JSP, Servlets, JavaScript, Ajax, Struts, Spring, Hibernate, SQL/PLSQL, Web Services, Azure, SOAP, JUnit, Oracle, HTML, and Windows.

**EDUCATIONAL DETAILS:**

* Master’s In computer science, 2024 (**University of Central Missouri, Missouri)**
* Bachelor’s In computer science, 2022 (**Jawaharlal Nehru technological University, Hyderabad)**