

Deepak Reddy

Java Full Stack Developer

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ABOUT ME: Aspiring to contribute to a dynamic team as a Java Full Stack Developer, utilizing **4+ years** of hands-on experience in backend and frontend technologies, CI/CD pipelines, and API integrations to deliver seamless and robust applications.

PROFILE SUMMARY:

- Experienced **Java Full Stack Developer** with a strong proficiency in **HTML/HTML5, CSS/CSS3, Bootstrap**, and **JSP** for creating responsive and dynamic web applications.
- Expertise in **JavaScript, TypeScript**, and **jQuery** for building rich front-end functionality and enhancing user interfaces.
- Skilled in utilizing **ReactJS** and **NodeJS** with **Express** to develop full-stack applications and RESTful services.
- Proficient in back-end technologies including **EJB, J2EE, JSP, JSTL**, and **Custom Tag Libraries** to build scalable, high-performance enterprise solutions.
- Strongly experienced in using **JAX-RS, JDBC, Servlets, JNDI, JMS**, and **JAXB** to integrate and optimize server-side communication.
- Hands-on experience with relational databases like **Oracle, MySQL, PostgreSQL**, and NoSQL databases such as **MongoDB, Cassandra**, and **DynamoDB**.
- Expertise in **Spring MVC, Spring Boot, Spring Security, Spring JDBC, JPA, Hibernate, Spring Data JPA, Spring Data REST**, and **Log4j** to create secure and efficient back-end systems.
- Proficient in building and maintaining Java-based applications using **Maven, Gradle**, and **CI/CD** practices for continuous integration and delivery.
- Strong experience with unit testing and mocking frameworks like **JUnit** and **Mockito** to ensure robust, error-free code.
- Hands-on experience with **AWS** and **Azure** cloud platforms, enabling cloud-based deployment, management, and scalability.
- Knowledgeable in using **Apache** server and other web technologies for hosting applications and improving performance and Familiar with XML and **JSON** data formats for seamless data interchange across platforms.
- Experienced in implementing **CI/CD** pipelines using **Jenkins**, automating build, test, and deployment processes to enhance development.
- Proficient in utilizing **AWS** services such as **EC2, S3, RDS**, and **Lambda** to design, deploy, and manage scalable, secure, and cost-effective cloud-based applications and Skilled in leveraging **Azure** services like **Azure App Services, Azure SQL Database**, and **Azure Functions** for building, deploying, and managing cloud-based solutions with high availability and scalability.
- Skilled in implementing **version control** with **Git** and collaborating within agile environments, and Proven experience in **automating workflows** and **infrastructure management** using **Terraform** and **Ansible**, ensuring efficient and consistent deployments across environments.

TECHNICAL SKILLS:

Programming Languages	C, C++, Java/J2EE, Python, Rust, SQL, PL/SQL
Java APIs	EJB, J2EE, JSP, JSTL, Custom Tag Libraries, JAX-RS, JDBC, Servlets, JNDI, JMS, JAXB, JUnit, Mockito, AWT, Spring MVC, Spring AOP, Spring DAO, Spring Core, Spring Security, Spring actuator, Spring Boot, JPA, Hibernate, Spring JDBC, Spring Data JPA, Spring Data REST, Log4j, Slf4j, ActiveMQ, RabbitMQ, Apache
Frameworks	MEAN Stack, MERN Stack

Cloud Technologies	AWS (EC2, S3, Lambda, SQS, RDS, EKS, DynamoDB), Azure (VMs, VNet, Azure AD, AKS, CosmosDB, Load Balancer), GCP
Deployment Tools	Jenkins, Docker, Kubernetes, Terraform, Ansible, Bamboo, Maven, Gradle
Testing & QA	Postman, Selenium, Cucumber, TestNG
Microsoft Tools	PowerPoint, Visual Studio, Power BI
Scripting Languages	JavaScript, TypeScript, jQuery
Web Technologies	HTML/HTML5, CSS/CSS3, Bootstrap, JSP, Ajax, XML, JSON, NodeJS, Express, ReactJS, AngularJS
Databases	Oracle, MySQL, DB2, SQL Server, PostgreSQL, Amazon Aurora, MongoDB, Cassandra, DynamoDB
Version Control	CVS, Clear Case, SVN, Git
Other Technologies	Agile SDLC, Scrum, Kanban, Waterfall, JIRA, GitHub, Linux, Rest APIs, Microservices Architecture, Redis, Spark, Splunk, TDD, BDD

WORK EXPERIENCE:

AbbVie Inc, North Chicago, Illinois, USA | Java Full Stack Developer | Feb 2024 – Present

Description: AbbVie Inc. is a global biopharmaceutical company dedicated to developing and delivering innovative therapies in key areas such as immunology, oncology, neuroscience, virology, and eye care. I implement, monitor, and enforce all processes for development as per standards and code refactoring and implementation and designing websites and UIs, creating databases for website optimization and writing clean codes.

Responsibilities:

- Developed and maintained end-to-end web applications using **Java, Spring Boot**, and **Spring MVC** for server-side development and **ReactJS, JavaScript**, and **TypeScript** for front-end user interface.
- Implemented **front-end components** using **React.js, Angular, HTML5, CSS3, and JavaScript** to enhance user experience.
- Developed and managed **databases** using **MySQL, PostgreSQL, and MongoDB**, ensuring data integrity and optimization.
- Integrated **CI/CD pipelines** using **Jenkins, GitLab CI/CD, or Azure DevOps** for automated deployment and testing.
- Worked on **Serverless Architecture** using **AWS Lambda** event-driven applications.
- Developed **enterprise applications** using **Java, J2EE, JSP, JSTL, Custom Tag Libraries, Servlets, and EJB**.
- Implemented **RESTful and SOAP-based web services** using **JAX-RS, JAXB, and JNDI**.
- Deployed applications on cloud platforms such as **AWS, and Google Cloud Platform (GCP)**.
- Integrated with logging and monitoring tools such as **Log4j, Apache, Splunk, and ELK Stack** for troubleshooting and performance analysis.
- Followed **Agile methodologies (Scrum, Kanban)** for efficient project execution.
- Utilized **Git, Bitbucket, and GitHub** for source code management and version control.
- Developed scalable applications using **Spring JDBC, Spring Data JPA, and Hibernate** for ORM and database interaction.
- Worked with relational databases like **Oracle, MySQL, SQL Server, and PostgreSQL** for data management and query optimization.
- Designed and implemented **container orchestration** using **Kubernetes** to scale and manage application deployments and collaborate with data engineers to process and analyze **big data** using technologies like **Hadoop and Spark**.

- Worked in an Agile Environment, collaborating with **Product Owners, UI/UX Teams, and DevOps Engineers** to enhance software functionality.
- Ensured cross-browser compatibility and responsive design using **Bootstrap and media queries**.
- Implemented **custom JavaScript libraries** and frameworks such as **jQuery and TypeScript** for rich client-side functionality.

ENVIRONMENT: Java, Spring Boot, Spring MVC, ReactJS, JavaScript, TypeScript, React.js, Angular, HTML5, CSS3, MySQL, PostgreSQL, MongoDB, CI/CD pipelines, Jenkins, GitLab, AWS Lambda, J2EE, JSP, JSTL, Custom Tag Libraries, Servlets, and EJB, JAX-RS, JAXB, JNDI, Google Cloud Platform, Log4j, Apache, Splunk, and ELK Stack, Scrum, Kanban, Oracle, MySQL

BMO Harris Bank, Chicago, Illinois, USA | Java Full Stack Developer | May 2023 – Jan 2024

Description: BMO Harris Bank provides a full suite of financial services, including checking and savings accounts, loans, credit cards, mortgages, and business banking solutions. I worked with front-end and back-end development, ensuring smooth integration of different components and ability to work on both ends allows for better communication and coordination within a project, leading to more efficient and cohesive development processes.

Responsibilities:

- Implemented security best practices such as authentication and authorization using **Spring Security, OAuth2, and JWT**.
- Developed and maintained scalable and secure **web applications** using **Java, Spring Boot, and Microservices architecture**.
- Designed and implemented user-friendly front-end components using **ReactJS, Angular, JavaScript, TypeScript, HTML5, and CSS3**.
- Created and managed **RESTful APIs** using **Spring MVC, Spring Boot, JAX-RS, and Express.js** for seamless communication between front-end and back-end.
- Integrated and optimized databases such as **Oracle, MySQL, PostgreSQL, and MongoDB** for efficient data storage and retrieval.
- Ensured high performance and responsiveness of applications using **JPA, Hibernate, and Spring Data JPA**.
- Developed **CI/CD pipelines** using **Jenkins, GitLab CI/CD, and Docker** for automated deployments and testing.
- Worked with cloud technologies like **AWS (Lambda, S3, EC2), Google Cloud Platform** for scalable infrastructure solutions.
- Optimized application performance using **Apache Kafka, RabbitMQ, and caching strategies**.
- Wrote and executed unit and integration tests using **JUnit, Mockito, and Cypress** to ensure code reliability and robustness.
- Monitored and troubleshoot application performance using **Log4j, Splunk, and New Relic**.
- Implemented **OAuth, JWT (JSON Web Tokens), and SAML authentication** for secure API access.
- Worked with **Apache Kafka, RabbitMQ, and ActiveMQ** for event-driven data processing.
- Implemented NoSQL databases such as **MongoDB, Cassandra, and DynamoDB** for high-performance data storage.
- Developed enterprise applications using **Java, J2EE, JSP, JSTL, Custom Tag Libraries, Servlets, and EJB**.
- Worked with **ReactJS and NodeJS** for building interactive and scalable web applications.
- Optimized **CSS3 animations and transitions** for an enhanced user experience.

ENVIRONMENT: Spring Security, OAuth2, Java, Spring Boot, and Microservices architecture, ReactJS, Angular, JavaScript, TypeScript, HTML5, and CSS3, Spring MVC, Spring Boot, JAX-RS, and Express.js, Oracle, MySQL, PostgreSQL, MongoDB, JPA, Hibernate, Spring Data JPA, CI/CD pipelines, Jenkins, GitLab CI/CD, Docker, AWS (Lambda, S3, EC2)

Airtel, Bangalore, India | Java Full Stack Developer | Sep 2021 – Dec 2022

Description: Airtel is a leading global telecommunications company providing a wide range of services including mobile networks and broadband. I am involved in writing and executing various tests to ensure code quality and application stability and writing and executing various tests to ensure code quality and application stability and analyzing user requirements, testing software, resolving issues and ensuring the smooth functioning of the programs in the back end and front-end.

Responsibilities:

- Built scalable and efficient backend services using **Java, Spring Boot, and Hibernate** frameworks and Develop **RESTful APIs** for seamless integration between systems and services.

- Developed and Maintained Web Applications using **Java, J2EE, Spring Boot, Spring MVC, and Microservices Architecture** to build scalable and efficient backend solutions.
- Designed and Implemented Front-End Components using **HTML/HTML5, CSS/CSS3, JavaScript, TypeScript, ReactJS, Bootstrap, and Angular** to ensure seamless user experience.
- Managed Databases like **MySQL, PostgreSQL, Oracle, MongoDB, and Cassandra** for efficient data storage and retrieval.
- Worked on Cloud Platforms such as **AWS, Google Cloud** to deploy and manage applications.
- Implemented **CI/CD Pipelines** using **Jenkins, GitLab CI/CD, and Docker** for automated deployments and smooth software delivery.
- Containerized Applications with **Docker** and manage orchestration using **Kubernetes** for scalable deployments.
- Developed and Optimized Backend Logic using **Spring Data JPA, Hibernate, JDBC, and Apache Kafka** for efficient data processing and messaging.
- Ensured Security Compliance using **Spring Security, OAuth, JWT, and Identity Access Management (IAM)** to safeguard application data.
- Monitored Application Performance using **Log4j, ELK Stack (Elasticsearch, Logstash, Kibana), and Prometheus** for debugging and analytics.
- Conducted Unit and Integration Testing using **JUnit, Mockito, and Selenium** to ensure code quality and reliability.
- Worked in an Agile Environment, collaborating with **Product Owners, UI/UX Teams, and DevOps Engineers** to enhance software functionality.
- Developed Scalable Microservices with **Spring Cloud, Netflix Eureka, and API Gateway** to build distributed architectures.
- Handled Version Control using **Git, Bitbucket, and GitHub** for collaborative development and source code management.
- Collaborated with DevOps **Teams** to streamline deployments on **AWS Lambda, Azure Functions, and Kubernetes clusters**.
- Stayed Updated with Emerging Technologies like **GraphQL, WebSocket's, AI/ML Integration, and Edge Computing** to drive innovation at Airtel.

ENVIRONMENT: Java, Spring Boot, Hibernate, RESTful, Java, J2EE, Spring Boot, Spring MVC, HTML/HTML5, CSS/CSS3, JavaScript, TypeScript, ReactJS, Bootstrap, Angular, MySQL, PostgreSQL, Oracle, MongoDB, Cassandra, AWS, Google Cloud, CI/CD Pipelines, Jenkins, GitLab CI/CD, a Docker, Kubernetes, Log4j, ELK Stack

CIBC Bank, Bangalore, India | Java Developer| June 2020 – June 2021

Description: CIBC (Canadian Imperial Bank of Commerce) is one of Canada's largest and most well-established financial institutions, offering a wide range of banking services to individuals, businesses, and corporations. I worked with front-end and back-end development, ensuring smooth integration of different components and ability to work on both ends allows for better communication and coordination within a project, leading to more efficient and cohesive development processes

Responsibilities:

- Developed and Maintained Web Applications using **Java, J2EE, and Spring Boot** to deliver high-performance backend solutions for banking services.
- Designed and Implemented **RESTful APIs** using **Spring MVC, JAX-RS, and Microservices Architecture** to enable secure and scalable communication between systems.
- Wrote Efficient **SQL Queries** and work with **databases** like **Oracle, MySQL, PostgreSQL, and NoSQL** databases (e.g., **MongoDB, Cassandra**) for effective data management.
- Developed and Integrated Front-End Components using **HTML, CSS, JavaScript, ReactJS, and Angular** to ensure an interactive and user-friendly web interface.
- Implemented **CI/CD Pipelines** using tools like **Jenkins, GitLab CI/CD, and Docker** for continuous integration and automated deployment.
- Ensured Security Compliance by applying best practices for **OAuth, JWT, and Spring Security** to protect sensitive data and financial transactions.

- Performed Unit Testing and Integration Testing using frameworks like **JUnit**, **Mockito**, and **Selenium** to ensure quality and reliability of the codebase.
- Worked with Version Control Systems such as **Git**, **GitHub**, and **Bitbucket** for source code management and collaboration.
- Implemented Data Security Protocols using **encryption** (e.g., **AES**, **RSA**), **SSL/TLS**, and **data masking** to ensure compliance with financial regulations and safeguard user data.
- Developed and Managed High-Volume Batch Jobs using **Spring Batch** and **Quartz Scheduler**, handling large-scale data processing efficiently.
- Designed and implemented **container orchestration** using **Kubernetes** to scale and manage application deployments and collaborate with data engineers to process and analyze **big data** using technologies like **Hadoop** and **Spark**.
- Utilized Containerization Technologies such as **Docker** and **Kubernetes** to streamline deployment processes and ensure consistency across environments
- Designed and Implemented Event-Driven Architectures using **Apache Kafka**, **RabbitMQ**, and **ActiveMQ** for message brokering and real-time data streaming.
- Ensured High Availability and Disaster Recovery by designing fault-tolerant systems using **load balancing**, **auto-scaling**, and **replication** techniques across cloud platforms.

ENVIRONMENT: Java, J2EE, Spring Boot, Spring MVC, JAX-RS, Oracle, MySQL, PostgreSQL, NoSQL, MongoDB, Cassandra, HTML, CSS, JavaScript, ReactJS, Angular, CI/CD Pipelines, Jenkins, GitLab CI/CD, Docker, OAuth, JWT, Spring Security, JUnit, Mockito, Selenium, Quartz Scheduler, Apache Kafka, RabbitMQ, ActiveMQ.

EDUCATION: **Illinois Institute of Technology**, Master's in Information Technology and Management from USA.