Rohit Yallavula
Full Stack Java Developer
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SUMMARY

- Java Full Stack Developer with 5+ years of experience in comprehensive application development. Demonstrates exceptional Java, Spring Boot, Angular, and database design proficiency. Skilled in working collaboratively with cross-functional teams to deliver top-notch solutions.
- Specialized in modern web architecture utilizing advanced JavaScript frameworks and libraries such as Angular.js, Node.js, React.js/Redux, React Native, Bootstrap, Ember.js, and Responsive Web Design (RWD).
- Expertise in developing responsive and visually attractive user interfaces using HTML5, CSS3, JavaScript, and contemporary front-end frameworks like Angular.
- Experienced in designing and optimizing databases, employing both SQL and NoSQL databases like MySQL, PostgreSQL, and MongoDB to ensure data integrity and scalability.
- Proven ability in constructing RESTful APIs to facilitate smooth communication between front-end and back-end systems for effective data exchange.
- Familiar with cloud platforms like AWS, containerization using Docker, and orchestration with Kubernetes.
- Expert in version control tools like Git and SVN, build tools like Maven and Gradle, continuous integration tools like Jenkins, and issue-tracking platforms like JIRA.
- Strong background in Agile development practices, including sprint planning, backlog management, and iterative feature development, leading to improved project velocity and adaptability.

SKILLS

Front-End tools:	HTML, CSS, Bootstrap, UI Material, SASS, JavaScript, Typescript, ES6, React JS, Redux, React Hooks, Angular, Vue.js
Back-End tools:	REST API, RESTful API, Webservices, Microservices, Java, Spring Boot, Spring MCV, Spring Data JPA, Hibernate, ORM, Node JS, Express JS
IDEs:	NetBeans, IntelliJ IDEA, Eclipse
Web Services:	RESTful, SOAP
Databases:	SQL, MongoDB (NoSQL), PostgreSQL, MySQL
CI/CD & Tools:	Jenkins Code Ship
Testing tools:	JUnit, Mockito, React Testing Library, Jest
Cloud & Deployment:	AWS, Docker
Web Server:	Apache Tomcat, WebLogic 7.0/8.1/9.0/10.0, IBM WebSphere 4.0/5.5
Other:	Agile, Jira, Git, Scrum, GitHub, Kubernetes, Bitbucket, Swagger Open API, Maven, Gradle
Operating Systems:	Windows, UNIX, LINUX, Mac OS

EDUCATION

Masters of Science in Business Analytics, University of Texas at Dallas, USA
Bachelor of Technology in Electronics and Communication Engineering, VNR VJIET, India

EXPERIENCE

JPMorgan Chase, TX | Full Stack Java Developer   **Jan 2023- Current**

- Designed and developed a comprehensive online banking system using Spring Boot, incorporating account management, fund transfer capabilities, transaction history tracking, and robust security measures.
- Implemented microservices architecture to break down complex functionalities into independent services, enhancing scalability and maintainability.
- Created data models and implemented database interactions using Hibernate and JPA for data persistence, ensuring efficient data storage and retrieval.
- Designed and developed RESTful APIs to facilitate efficient data flow and communication between disparate modules within the system, ensuring real-time information exchange.
- Utilized JUnit for comprehensive unit testing and Mockito for end-to-end testing, achieving broad code coverage and ensuring software reliability.
- Designed and developed a front-end interface using Angular, HTML5, CSS3, and JavaScript to create an intuitive and user-friendly dashboard.

- Experienced in orchestrating seamless CI/CD workflows using Jenkins, including crafting Jenkins pipelines to automate Java application builds, integrating Docker for image creation, and seamlessly deploying to Amazon EKS via ECR.
- Enhanced API documentation by employing Swagger OpenAPI, resulting in a decrease in support requests related to API functionality.
- Leveraged Spring Data JPA to optimize database operations, achieving an increase in data retrieval speed.
- Embraced Agile methodologies to iteratively develop and deliver features, leading to a higher project velocity, improved collaboration, and adaptability to changing requirements.

Invesco, TX | Full Stack Java Developer   **Jan 2022- Dec 2022**
- Built a RESTful API using Spring Boot to serve data to front-end applications, implementing user authentication, data storage, and retrieval.
- Developed a security tool that scans OpenAPI specifications to identify potential security vulnerabilities, such as missing authentication or checks, and provides recommendations for remediation.
- Performed comprehensive testing and debugging of applications using tools like JUnit and debuggers to identify and resolve software defects and performance bottlenecks.
- Utilized JIRA or similar tools for backlog management, sprint planning, and tracking the status of user stories and tasks.
- Employed Java, Spring Boot, React, Hibernate ORM, and Git, ensuring an efficient and robust technology foundation.
- Developed RESTful APIs using Node.js for task and project creation, user management, timelines, and notifications.
- Developed an inventory management system in Java for businesses, including features such as product catalog management, order processing, inventory tracking, and reporting.
- Leveraged Spring Framework to develop a robust and modular backend architecture, streamlining data processing tasks and enhancing the system's responsiveness.
- Developed a module using React and utilized React Redux for state management to enhance user experience.
- Created a centralized portal for documenting and exploring the organization's APIs using Swagger, which provided interactive documentation, code samples, and authentication details for each API endpoint.

HCL Technology, India | Full Stack Java Developer   **May 2018 – Jul 2021**
- Led Java development in a transformative e-governance project, implementing the Spring framework to achieve a remarkable 25% improvement in application response times.
- Developed RESTful web services using Spring, facilitating seamless communication between different components of the e-governance system.
- Employed Spring Cloud for microservices coordination, ensuring effective communication and collaboration between distributed system components.
- Applied optimization techniques to MySQL queries, resulting in a streamlined data retrieval process and contributing to a reduction in query execution times.
- Used Continuous delivery/ Continuous Integration tools Docker, and Jenkins to deploy this application to AWS and used GIT for version control of code for incremental development.
- Enforced code quality standards through tools like SonarQube, conducting regular code reviews and implementing best practices.
- Implemented real-time features using Socket.io in Node.js, ensuring instant updates and notifications for users interacting with the e-governance platform.
- Utilized Java Server Pages Standard Tag Library (JSTL) for streamlined integration of Java code within JSP, enhancing code readability and maintainability for e-governance project data.

CERTIFICATION
- Microsoft certified Azure Fundamentals
- AWS-certified solution Architect
- AWS-certified cloud practitioner