Manoj Madduri Full Stack Developer

✉ manoj@mymailsbox.net 📞 573-284-3429 📍 Duluth, GA in LinkedIn

Profile

Results-oriented Full Stack Developer with over 5 years of experience in building scalable, high-performance server-side applications. Proficient in Java programming, Spring Framework, and Hibernate for seamless data integration. Strong expertise in developing RESTful APIs, implementing microservices architecture, Docker, Cloud Services and optimizing application performance for high concurrency.

Skills

Front-end Technologies: HTML5, CSS3, JavaScript, React.js, Angular, Bootstrap, jQuery, AJAX, Redux

Backend Technologies: Java, Spring Boot, Hibernate, Node.js, Express.js, MVC Framework, SOAP, RESTful APIs, Maven, Micro-services, Spring, Spring Data, JDBC, JPA, Python

Database: MySQL, MongoDB, PostgreSQL, SQL Server, Oracle, Firebase, Cassandra

Tools and Technologies: Git, Docker, Kubernetes, Apache, Microsoft Azure, CI/CD, JUnit, Mockito, Swagger, Postman, Jenkins, Jira, Gradle, Jest, Selenium, Agile, Scrum, Amazon Web Service (EC2, AMI, IAM, ELB, Auto scaling, SNS)

Professional Experience

Full-Stack Developer, *Capgemini*   01/2023 – present │ Remote, USA
- Architected a robust, scalable, and maintainable web application utilizing advanced MongoDB database schema design and data modeling techniques to enhance data storage efficiency and retrieval speed.
- Implemented AWS cloud services, including EC2 for compute capacity, RDS for managed databases, S3 for storage, CloudWatch for monitoring, and IAM for access control, enhancing scalability, reliability, and security of the application.
- Developed a Java Spring Boot application to create RESTful APIs for an Online Bookstore, seamlessly integrating complex business logic, efficient data processing, and database interactions to power front-end features.
- Utilized microservices architecture to decouple and modularize different components of the Online Bookstore system, facilitating easier maintenance, scalability, and independent deployment of services.
- Managed Docker containerization for the Online Bookstore to streamline deployment across various environments, while implementing CI/CD pipelines via Jenkins for automated build, test, and deployment processes.
- Implemented unit and integration testing using JUnit, engaging in code reviews and rigorous QA procedures to facilitate swift bug detection and resolution, thereby bolstering application reliability and correctness.

Full-Stack Developer, *Genpact*   01/2021 – 07/2021 │ Hyderabad, India
- Created a scalable, maintainable, and high-performance e-commerce platform with an efficient MySQL database schema and data models for optimal data storage and retrieval.
- Generated interactive and responsive user interfaces for the E-Commerce Platform using HTML, CSS, jQuery, and modern JavaScript frameworks, ensuring accessibility across various devices and screen sizes.
- Developed RESTful APIs with Java and Spring, integrated Bootstrap for front-end, and implemented business logic and data processing for the E-Commerce Platform, enabling seamless user interactions and database operations.
- Integrated Spring Boot and Spring MVC frameworks to leverage their features for building robust, scalable, and maintainable components within the E-Commerce Platform, enhancing modularity and ease of development.
- Implemented Azure Cloud Services for deploying and managing the scalable infrastructure of the E-Commerce Platform, ensuring high availability, fault tolerance, and elastic scaling capabilities to handle variable workloads efficiently.
- Utilized Docker for application containerization, ensuring uniformity across development, testing, and production environments. Implemented Jenkins CI/CD pipelines for automated build, test, and deployment workflows.

Software Developer, *Keus Automation*   01/2018 – 01/2021 │ Hyderabad, India
- Developed enterprise-grade applications for an extensive three-year period, overseeing each stage from inception to deployment, ensuring seamless user experiences and robust functionality.
- Played a pivotal role in ensuring code quality by conducting comprehensive reviews and troubleshooting to optimize system performance and reliability.
- Utilized a diverse toolkit encompassing HTML, CSS, Bootstrap, React, Redux, and JavaScript to craft intuitive and engaging user interfaces, enhancing usability and accessibility across diverse projects.
- Proficiently managed database operations on Oracle, adeptly crafting intricate queries and procedures to maintain data integrity and streamline information retrieval processes.
- Collaborated seamlessly with interdisciplinary teams to introduce and integrate emerging technologies like React and Redux, elevating application capabilities and user satisfaction.
- Demonstrated proficiency in version control practices, server-side scripting with PHP, and advanced code editing techniques, fostering a culture of continuous improvement and innovation within development workflows.

Education

Master Degree, *Christian Brothers University*   08/2021 – 12/2022 │ Memphis, USA
Computer Information Systems

Bachelor of Technology, *NRI Institute of Technology*   05/2014 – 09/2017 │ Guntur, India
Electrical and Electronics Engineering