BALA VAMSI MARAGANI

Full-Stack Java Developer

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CAREER SUMMARY

An accomplished Full-Stack Java Developer with 4+ years of specialized knowledge in Banking and Financial Services, Academic, and Retail/E-commerce domains. Expertise includes Agile and Waterfall software development life cycle methodologies, along with proficiency in Java, Spring Boot, AngularJS, and React.js frameworks, AWS, Azure DevOps, Jenkins, and Harness for deployments. I excel in designing scalable microservices architecture, backend and frontend development, database management, and deployment. Demonstrated ability to provide production support, Skilled in collaborating with product and customer teams to deliver impactful solutions.

PROFESSIONAL EXPERIENCE

Java Full-Stack Developer | Citi Group (Rutherford, NJ) | Banking and financial services   Aug 2023 – Current
- Spearheaded the deployment of containerized applications on the OpenShift platform by leveraging Docker, Kubernetes, and CI/CD pipelines with Jenkins and Lightspeed Harness. Achieved 99.9% uptime by implementing DevOps-driven workflows.
- Integrated JMeter for load testing and SonarQube to maintain 90% code coverage and enforce coding standards.
- Developed 10+ RESTful APIs to handle CRUD operations using Java 17, Spring Boot, ORM tools (Hibernate) with SQL Databases.
- Collaborated with UI/UX to support Angular and database teams to automate 70+ user lifecycle processes with synchronized jobs.
- Leveraged Apache Kafka for event payloads, data communication between microservices, email notifications, and system logs.
- Enhanced the ERM application performance by 60% utilizing Redis Cache, ehcache and DB indexes handling 1k+ concurrent users.

Graduate Research Assistant | Dakota State University (Sioux falls, SD)   Jan 2023 – Aug 2023

Full Stack Developer | Project 1:
- Developed a MERN stack (MongoDB, Express.js, ReactJS, Node.js) web app with AWS Code Pipeline and deployed it on AWS EC2 with 90% downtime reduction. Implemented monitoring using Amazon CloudWatch and AWS CloudTrail.
- Employed HTML5, UTF-8 encoding, CSS (external, embedded, inline), JavaScript, and TypeScript for enhanced functionality.
- Utilized Amazon S3, Amazon Document DB, AWS CloudFront for optimized content delivery performance.

Full Stack Developer | Project 2:
- Designed a Flask-based blog application with user authentication using Python v3, leveraging SQLite v3 and distributed storage for efficient CRUD operations and seamless REST API integration.
- Applied strong computer science principles to integrate front-end web pages with HTML5, CSS3, XML, and JavaScript (ES6) to provide a seamless user experience, rigorously ensuring robustness and reliability through unit testing with JUnit5 and Mockito.

Software Development Engineer | Accenture (Hyderabad, India) | Retail/E-commerce   Feb 2021 – Dec 2022
- Employed e-commerce platform by harnessing SAP Hybris Commerce Accelerator for B2C business models using J2EE technologies (SAP Hybris, Spring Data JPA, Spring MVC, Hibernate, JDBC, JTA, JavaBeans) for backend development.
- Customized Hybris functionalities to develop 30+ REST APIs with Core Java SE 11 features such as Multithreading, Parallel Streams, Streams API, Functional Interfaces, and Lambda Expressions by leveraging computer science concepts for smoother user experience.
- Proficient in containerization technologies like Docker and Kubernetes, with a strong understanding of DevOps principles and direct experience implementing CI/CD pipelines using Jenkins and Lightspeed Harness to ensure efficient deployment.
- Leveraged Log4j and SLF4J for logging, Swagger, Postman, Kibana logs, Dynatrace, and browser consoles for root cause analysis.
- Proficient in IntelliJ IDEA, achieving 90%+ code coverage with JUnit5 and Mockito. Produced 200+ pull requests using GitHub, Git command line, and SourceTree. Experienced with Jira for Agile/Scrum and Confluence for project management and documentation.

Software Development Engineer Trainee | Omkara (Vijayawada, India)   Aug 2020 – Jan 2021
- Developed a Spring boot application with Java for backend and Angular, HTML, CSS, and JavaScript (ES6) for front-end.
- Deployed full-stack application on AWS using S3 buckets, EC2 instances, and subnets while collaborating with Agile team.
- Collaborated with the stakeholders to develop a website, resulting in a more than 30% increase in sales and profits.

AREAS OF EXPERTISE

Certified AWS Solution Architect Associate, Java developer, Problem solving with Java, SAP Hybris, Object-oriented programming languages, Python, Java 8, Java 17, Flask, Spring Boot, Spring Data JPA, Hibernate, Servlets, Junit5, Mockito, AngularJS, React.js, Node.js, HTML5, CSS3, Bootstrap 5, JavaScript (ES6), Apache Kafka, MySQL, SQLite, PostgreSQL, Git, Docker, Jenkins, Kubernetes, OpenShift, Postman, Kibana, Microsoft Azure, Azure DevOps, AWS, AWS EC2, Amazon CloudWatch, AWS CloudTrail, Design patterns, Data Analysis, Risk Analysis, Strong communication skills, Jira, and Confluence, adaptability to emerging technologies.

Higher Education

Master of Science in Computer Information Systems	Dakota State University	4.00 CGPA	Jan 2023 – Dec 2023
Bachelor of Tech. in Computer science engineering	JNTU Kakinada, India	3.34 CGPA	July 2016 – Sep 2020