

JASH MODY

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PROFESSIONAL SUMMARY

- **Experienced Full Stack Developer** with over 5 years of expertise in the complete **Software Development Life Cycle (SDLC)**, specializing in requirement analysis, design, development, testing, documentation, implementation, and maintenance of web-based and enterprise applications within Distributed N-Tier architecture.
- **Mastered Application Development** across diverse industries including Financial, Healthcare, and Manufacturing, adept in leveraging **Java Enterprise Edition** technologies such as **JSP, Servlets, Struts 2, JDBC, JNDI, JMS, JavaScript, and Web Services**.
- **Skilled in Frameworks and Technologies** such as **Struts, Spring Framework, Java Server Faces (JSF), and hibernate**, with proficiency in **object-oriented programming (OOP)** concepts using **Java 8, Spring Core, Spring MVC, and Spring Boot**.
- **Front-End Development Expertise** encompassing **HTML5/CSS3**, with significant experience in **Angular.js, React.js, Bootstrap, Node.js**, and Responsive Web Design.
- **Database Management** proficiency in **SQL Server, Oracle, IBM DB2, Cassandra, and MySQL**, including **SQL, PL/SQL**, and database tools like **TOAD and SQL Developer**.
- **Infrastructure and Cloud Management**: Demonstrated understanding of **Amazon Web Services (AWS)** administration (EC2, VPC, S3, Route 53, IAM), **Azure CLI**, and **ARM Template**. Experienced in deploying container-based services with **Docker and Kubernetes**.
- **Version Control and ALM Tools**: Expertise in **CVS, SVN, Git (GitHub)**, and Google Code subversions, adept at managing conflicts with tools like **SourceTree**. Proficient in configuring **JIRA, Trello, and ALM** for effective project tracking and management.
- **Testing and Quality Assurance**: Extensive experience in **Functional, Backend, Regression, System, Acceptance, and Integration Testing**, with a focus on crafting **Unit test cases and System Test Cases**.
- **Agile Methodologies**: Led **Agile development teams** as **Scrum Master**, facilitating collaboration and productivity. Contributed to architecture and design discussions for scalable and secure applications.
- **Scripting and Automation**: Skilled in **shell scripts (Bash), Ruby, Python, and PowerShell** for automating tasks, proficient in **bug tracking** using **JIRA and ALM**.
- **Professional Attributes**: Strong analytical and problem-solving skills, adaptable to new technologies, with a proactive approach to learning and staying updated with industry trends. Effective communicator and team player, recognized for mentoring junior developers and collaborating closely with cross-functional teams.

PROFESSIONAL EXPERIENCE

O'Reilly Auto Parts, Remote (USA)

August 2021 – Present

Software Development Engineer – Full Stack Developer

- **Directed** programming, testing, debugging, and deployment of Java EE distributed applications to align with project objectives.
- **Engineered** POJOs for new adapter services and persistence classes, **enhancing** database integration and **boosting** query performance by 40%, **resulting** in a 25% reduction in system latency.
- **Developed** responsive Single Page Applications (SPA) using Angular (versions 2/6/8/12), TypeScript, HTML5, CSS3, and Bootstrap 3, **improving** user interaction by 30% and **facilitating** seamless communication across application layers.
- **Crafted and deployed** dynamic web applications with HTML5, CSS3, JavaScript, jQuery, Node.js, AJAX, and JSON. **Implemented** Angular 12's reactive forms for complex form validations, **achieving** 98% data accuracy and **enhancing** user-friendly interfaces.
- **Supervised** GIT for version control, **monitored** application logs with Splunk, and **implemented** comprehensive logging with Apache Log4j, **enhancing** team collaboration and troubleshooting efficiency.
- **Optimized** microservices architecture with Spring Boot, **developing** RESTful APIs that **scaled** data retrieval efficiency by 50% and **reduced** server load by 40%.
- **Constructed** secure and scalable web-based database applications with Spring Boot, **ensuring** seamless connectivity and **achieving** real-time data updates with 99.9% uptime.
- **Automated** testing processes for REST APIs using TestNG, **accelerating** release cycles and **maintaining** 95% test coverage.
- **Championed** the development of data mapping projects using open-source mapping tools, **reducing** data integration time by 30% and **improving** data accuracy by 25%.
- **Led** DevOps practices, including CI/CD pipelines with Jenkins, **automating** builds, tests, and deployments, **resulting** in 40% faster delivery and improved team productivity.
- **Managed** SQL databases and Cassandra for efficient data storage, retrieval, and management, **ensuring** robust performance and **maintaining** data integrity across 500+ databases.
- **Implemented** Apache Kafka for efficient message queuing and processing between APIs and microservices, **improving** system responsiveness by 35% and **handling** 1M+ messages daily.

- **Architected** and **developed** Angular 12 components, **customizing** libraries and **implementing** advanced routing strategies for optimal user experience and navigation.
- **Applied** Agile methodologies throughout SDLC phases, **delivering** high-quality software solutions on schedule with a 98% client satisfaction rate.
- **Collaborated** closely with cross-functional teams to **gather** requirements, **design** solutions, and **deliver** projects that **meet** business objectives and **exceed** client expectations.
- **Continuously enhanced** technical skills and **remained** abreast of industry trends, **contributing** to a culture of innovation and excellence within the organization.

Tools and Environment: JDK 1.8, Spring-boot, Apache Kafka, Postman, TypeScript, AngularJS, Angular, JavaScript, Web Services, Cassandra, Jenkins, POJO's, JAX-WS, Subversion, STS (Spring Tool Suite) 3.9.

SERCO, Etobicoke, Ontario, Canada

August 2019 – August 2021

Software Engineer - Java Developer

- **Led** the analysis, specification, design, implementation, and testing phases of the Software Development Life Cycle (SDLC), **applying** Agile methodology to **streamline** application development and **ensure** timely project delivery.
- **Analyzed** business requirements and **crafted** frontend components using JSP, XML, HTML, and CSS, **resulting** in a 25% enhancement in user interface responsiveness and user satisfaction.
- **Enhanced** data analysis efficiency by **incorporating** 30 new Java 8 features like streams and filters (Spring), **resulting** in a 40% improvement in data processing speed and a 30% reduction in development time.
- **Integrated** the frontend with backend systems using Hibernate, **optimizing** database procedures and **slashing** page load time by 45%, **leading** to superior application performance and user experience.
- **Engineered** a robust DAO layer with advanced Hibernate techniques, **including** strategies, inheritance, annotations, and criteria interfaces, **achieving** a 50% acceleration in data access and manipulation.
- **Devised** a caching mechanism in Hibernate to **enhance** data retrieval efficiency, **contributing** to a 30% decrease in database query response time while **maintaining** the MVC design pattern.
- **Utilized** Struts tiles to **dynamically generate** reusable JSP pages, **ensuring** consistency and **enhancing** maintainability across the web application.
- **Orchestrated the implementation** of Struts/Spring Boot applications using the MVC pattern, integrating **design patterns** like Front Controller and DAO. This elevated **application structure**, resulting in a **20% reduction** in maintenance time and **enhanced scalability** for future updates.
- **Managed** IBM Db2/SQL Server databases, **developing** SQL scripts for data management tasks, **including** selection, insertion, updating, deletion, joins, and aggregations, **ensuring** 99.9% data integrity and optimal performance.
- **Leveraged** Maven for application packaging and deployment, **integrating** seamlessly with Jenkins for automated builds and deployments, **resulting** in a 40% reduction in deployment time and **enhancing** development efficiency.
- **Executed** comprehensive unit testing of components using JUnit and **performed** compatibility testing with Selenium, **achieving** 95% test coverage and maintaining stringent software quality standards.
- **Utilized** SVN for version control, **implementing** effective branching strategies and **facilitating** seamless merge requests, **promoting** collaborative and efficient development processes within the team.

Tools and Environment: Java, Spring boot, J2EE, JDK 1.8, JRE, JSP, Agile Methodology, Apache Maven, Eclipse Neon2, Squirrel SQL, RED HAT JBOSS, MVC framework, ORM framework, Jenkins, HTML, Hibernate, Subversion, premium colors and resolutions.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript (ES6+), Java, PHP, SQL, PLSQL.
- **Databases:** MySQL, SQL Server, MongoDB, IBM Db2, Cassandra.
- **Java/J2EE Technologies:** Core Java, JSP, JDBC, Servlets, JNDI, JMS, Spring (Boot, MVC, Security, Data)
- **Web/Application Servers:** Apache Tomcat, Oracle WebLogic.
- **Technologies:** HTML5, CSS3, Node.js, Express.js, Docker, Kubernetes, RESTful APIs, GraphQL.
- **Frameworks and Tools:** Django, Flask, Git, Subversion (SVN), JIRA, Confluence, Android Studio, Spring Boot, Hibernate, Angular, React.js, Jenkins, Maven, Gradle.
- **Cloud Platforms:** Amazon Web Services (AWS) - EC2, S3, Route 53, Lambda, API Gateway, DynamoDB, RDS, Redshift, Elastic Beanstalk, Elasticsearch, Kibana, Sage Maker, Kafka.
- **Version Control:** Git (GitHub, GitLab), Bitbucket.
- **DevOps:** CI/CD pipelines, Jenkins, GitLab CI/CD, Docker Compose, Kubernetes Helm.
- **Testing:** Unit Testing (JUnit, Mockito), Integration Testing, End-to-End Testing, Test Automation (Selenium).
- **Security:** Web application security (OWASP), SSL/TLS, OAuth, JWT.
- **Agile Tools:** Agile methodologies (Scrum, Kanban), Trello, Asana, Agile project management tools.
- **Other Tools:** Elasticsearch, Logstash, Kibana (ELK stack), Grafana, Prometheus

EDUCATION

Dwarkadas.J. Sanghvi College of Engineering, University of Mumbai, India

May 2018