

# JASH MODY

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## PROFESSIONAL SUMMARY

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- **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

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### 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