

Shahrukh Syed

[LinkedIn](#)

Software Engineering | Java | Angular | React | Visualization | Version Control | SQL | Linux | Spring Boot |
Spring Framework | Bash Scripting | Analysis Skills | Web Application | Database Programming | Troubleshooting

Java Developer / Software Engineer / Principal Staff Engineer

Summary:

- Highly skilled and detail-oriented Master of Science in Computer Science graduate with a keen interest in Java Development, Full Stack Java Development, Software Engineering, and Java Engineering.
- Leveraging over 5 years of extensive software expertise, I excel in end-to-end software development, encompassing requirement gathering, design, programming, testing, and implementation, ensuring the seamless execution and delivery of robust solutions.
- Proficient in Java, J2EE, MVC architecture, and front-end frameworks such as JavaScript, Angular, and jQuery, I leverage these technologies to develop scalable and high-performance applications tailored to meet diverse business needs.
- Skilled in Test-Driven Development (TDD) methodologies, I consistently maintain code quality above 85% through rigorous testing practices, ensuring the reliability and robustness of developed software in every phase of the development lifecycle.
- With hands-on experience in Apache Kafka, DevOps frameworks, CI/CD pipelines, and web user interface development using HTML, CSS, JavaScript, AJAX, jQuery, Angular, Node, and ReactJS, I bring a comprehensive skill set to every project, ensuring its success from conception to deployment.

Education:

- **Loyola University Chicago, Chicago, IL:** Master of Science in Computer Science **Dec 2023**
- **Jawaharlal Nehru Technological University, India:** Bachelor of Science in Information Technology **May 2018**

Certification:

- Software Development Life Cycle (SDLC) ([link](#))
- Software Architecture Foundations ([link](#))
- Software Architecture: Breaking a Monolith into Microservice's ([link](#))
- Project Management Foundation ([link](#))

Technical Skills:

- **Programming Languages & Frameworks:** Java, J2EE, Spring, Spring Boot, Spring MVC, Spring Security, Hibernate, AngularJS, Angular 7,8,11,13, HTML, CSS, JavaScript, Bootstrap, AJAX, JSF, JSP
- **Testing & QA:** JUnit, Mockito, Power Mockito, Jasmine | **Tools:** Ant, Gradle, Maven
- **Databases & Data Formats:** MySQL, MS SQL Server, Oracle 12C, JSON, XML, NoSQL
- **Version Control:** Git, Bitbucket, GitHub, Jenkins | **Operating System:** Ubuntu Linux, Windows, MacOS
- **Cloud & DevOps Technologies:** Kubernetes, PCF, AWS, EC2, S3, Lambda, Apache Kafka, JMS, RabbitMQ
- **Data & Project Management Tools:** Agile, JIRA, GitHub, Service Now, Share Point
- **Interpersonal Skills:** Effective Communication, Collaboration, Adaptability, Time Management & Prioritization, Team Player

Work Experience

Software Engineer | Edward Jones, St. Louis, MO

March 2023 – Present

- Collaborated closely with business analysts to meticulously develop requirements and conduct comprehensive use case analyses, resulting in creation of detailed Functional Specification Documents (FSD) that served as the foundation for project development.
- Designed and executed the development of Java applications utilizing Spring Boot within a microservices architecture framework, ensuring streamlined development processes, seamless integration, and superior performance across diverse environments.
- Demonstrated proficiency in quality assurance practices by crafting and executing JUnit test cases to conduct rigorous unit testing of service classes, ensuring the reliability and functionality of developed applications.
- Spearheaded the enhancement of existing applications by leveraging Angular 13 to introduce a sophisticated role-based HTML navigation menu, tailored to values derived from XML database mappings, thereby enhancing user navigation and experience.
- Played an active role in the implementation and maintenance of distributed event streaming solutions using Apache Kafka, contributing to real-time data processing and ensuring high availability and scalability of applications.
- Applied a comprehensive testing approach encompassing load tests, backend failure tests, and memory leak tests to guarantee the reliability and performance of applications, thereby mitigating potential risks and enhancing overall application resilience.
- **Tech Stack:** Java 8, Microservices, Spring Boot, Rest API, Gitlab, Oracle 11, Spring JDBC, HTML, jQuery, JavaScript, AWS, Lambda, EC2, Apache Kafka, J-Unit, Mockito

Senior Software Engineer | FedEx Corporation, Pittsburgh, PA**May 2022 – Aug 2022**

- **Project:** FedEx EDP
- **Project Description:** The Engineering Demand Plan (EDP) comprises a set of modular tools designed to facilitate seamless plan creation and review on both weekly and monthly scales, contingent upon facility numbers. These modules, including Plan, Positions, Standard, and Engineering Plan, empower users to effortlessly examine and generate plans. Analysts leverage these plans to conduct comprehensive analyses of both outbound and inbound shipments.
- Developed a Spring Boot-based RESTful web service to efficiently facilitate management of employee requests within EDP suite, encompassing functionalities such as insertion, retrieval, updating, & deletion, while ensuring data retrieval from database.
- Expanded the functionality of microservices by adding new endpoints tailored to project requirements, thereby enhancing the flexibility and scalability of the EDP suite to accommodate evolving business needs effectively.
- Employed the Eclipse IDE for comprehensive application configuration & leveraged Jenkins for streamlined deployment processes, facilitating successful deployments to development environments, and ensuring efficient project workflow management.
- Implemented Git for version control management, enabling collaborative development practices and ensuring effective versioning of codebase changes, thereby enhancing code integrity and project transparency.
- Upheld quality standards by ensuring code coverage exceeded 85% through the diligent implementation of unit tests using JUnit & Mockito. This commitment to testing practices aligned with project requirements and contributed to the reliability of EDP suite.
- **Tech Stack:** Java 8, Microservices, Spring Boot, Rest API, Gitlab, oracle11g, Spring Data, Junit, Power Mockito, Angular, Jenkins

Senior Software Engineer | FedEx Corporation, Pittsburgh, PA**June 2021 – May 2022**

- **Project:** FedEx ePAT
- **Project Description:** The Enterprise Pricing Analyst Toolkit (ePAT) is a comprehensive suite of modular tools tailored for pricing analysts, facilitating in-depth analysis of account profitability. Through the ePAT application, individual pricing analysts can efficiently assess pricing across all services provided by FedEx, encompassing non-US transportation services and offerings from other FedEx operating companies such as Office, Supply Chain, and Trade Networks.
- Engaged collaboratively within the iterative Agile Scrum methodology, actively participating in daily stand-up meetings to closely monitor project progression and ensure steadfast alignment with overarching objectives and predefined timelines.
- Conducted meticulous analysis of client requirements, effectively communicating key review points to stakeholders, & facilitated the preparation and review of comprehensive technical design documents to ensure clarity and alignment with project goals.
- Expanded the functionality of microservices by skillfully adding new endpoints in response to project requirements, developing controller, services layer, & DAO layer classes leveraging the Spring Boot framework, thus enhancing the suite's flexibility.
- Demonstrated proficiency in ensuring the reliability and functionality of REST services by verifying them using tools such as Soap UI & Postman, while optimizing system performance through the effective utilization of JDBC template & optimized SQL queries.
- Employed robust testing practices by authoring JUnit test cases using Mockito for comprehensive test coverage, alongside implementing user-defined exceptions to enhance error handling efficiency, thus contributing to the reliability of the application.
- **Tech Stack:** Java 8, Microservices, Spring Boot, Rest API, Gitlab, oracle11g, Spring JDBC, Junit, Mockito, Angular 7, Splunk

Software Engineer | DXC Technology, Hyderabad, India**Oct 2018 – May 2021**

- Facilitated effective communication with stakeholders, eliciting and comprehending intricate business requirements through regular client meetings, ensuring transparency and alignment throughout the project lifecycle.
- Demonstrated expertise in developing and testing diverse web and window-based enterprise applications, leveraging backend technologies such as Java, Spring, Spring Boot, JPA, JDBC, JSP, Apache Camel, and Tomcat, to deliver robust and scalable solutions.
- Utilized the robust capabilities of the Java API to dynamically generate parsers during runtime, thereby significantly enhancing application flexibility and adaptability to meet evolving data processing requirements.
- Spearheaded the design and implementation of responsive dynamic websites using a blend of HTML, CSS, JavaScript, and TypeScript, ensuring an intuitive and engaging user experience across multiple platforms.
- Effectively orchestrated the business layer and integration layer for specific modules, strategically optimizing system architecture and facilitating seamless communication between diverse components within the application ecosystem.
- Ensured code quality & reliability by writing comprehensive unit test cases, collaborating with QA teams in integration testing, & actively resolving defects, thereby delivering high-quality software solutions within established timelines and budget constraints.
- **Tech Stack:** Java 8, Microservices, Spring Boot, Rest API, Gitlab, Oracle 11g, Spring JDBC, Junit, HTML, CSS, JavaScript