

Shilpi Sirohi

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AREAS OF EXPERTISE

- Certified senior java applications developer with extensive, hands-on knowledge in design, feature development, and quality assurance of products from user stories and code reviews to detailed acceptance testing.
 - Proficient in utilizing the Spring Framework to create scalable and efficient solutions.
 - Initiative-taking, problem-solving, innovative, modern engineering mindset based on best practices in software development to broaden the java tech stack and introduce new, unique, and scalable features including analytics, reporting, monitoring, and automation.
 - Reliable, consistent software developer proficient in multiple languages and tools to architect difficult technical and business challenges ranging from back-end scalability to analytical functions and aggregation.
 - Outstanding interpersonal and communication strengths leveraged to train users and team members, troubleshoot system issues, deliver high-quality products, and ensure total client satisfaction.
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Technical Proficiencies

- *Programming Languages:* Java, SQL
 - *Java Frameworks:* Spring, Spring Boot, Spring MVC, Spring Security, Spring Data JPA
 - *Databases:* Oracle, MySQL
 - *Web Technologies:* HTML, CSS, JavaScript, jQuery
 - *Tools & Technologies:* Restful APIs, Java Microservices, Maven, Gradle, Jenkins, PCF Cloud, Openshift cloud, Splunk, RabbitMQ, Kafka
 - *Testing:* JUnit, Mockito
 - *Agile Development Methodologies*
 - *Strong understanding of object-oriented design principles*
 - *AWS Services:* EC2, Auto-scaling, IAM, RDS, Lambda functions, CloudFormation, CloudWatch, CloudTrail, VPC, S3, ECS, Code Commit, Code Deploy, SNS, SQS
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Certifications

Certified Java SE 11 Developer ~ SAFe 6 Scrum Master

Professional Experience

LTIMindtree, Mississauga, Ontario

Specialist – Software Engineering (01/2024 – current)

Client: Citibank

- Designed and developed scalable and high-performance Java applications using Spring Framework.
- Implemented RESTful APIs and integrated third-party services into the application using Spring Boot.
- Create the scripts to deploy the applications on open-source private cloud.

- Adhere to agile development methodologies, including sprint planning, daily stand-ups, and respective meetings.
- Migrate the classical application to the microservices.

LTIMindtree, Tampa, Florida

Specialist – Software Engineering (07/2021 – 12/2023)

Client: Citibank

- Designed and developed scalable and high-performance Java applications using Spring Framework.
- Implemented RESTful APIs and integrated third-party services into the application using Spring Boot.
- Create the scripts to deploy the applications on open-source private cloud.
- Collaborated with QA/Testing teams to ensure high-quality software delivery through unit testing, integration testing, and bug fixing.
- Resolved complex technical issues and provided support during production deployments.
- Co-ordinate with Business Analysis team to understand the requirements effectively and prepare high level design documents with the help of the team.
- Prepare L0, L1, L2 & L3 estimates for the frozen change requests and list down detailed tasks for each change request for a release with lead's help and explain the team about their expected contribution.
- Adhere to agile development methodologies, including sprint planning, daily stand-ups, and respective meetings.
- Identify and maintain action items and issue lists during code development and mitigate risks for each change request and release cycle and prepare risk mitigation plan.
- Involved in project architectural discussion and provide inputs to prepare the technical architecture using UML Diagram.
- Perform code review, code linting, task review, unit & integration testing, defects review and consistently follow up and guide the team on controlling the residual defects.
- Adhere to ethical standards and maintain integrity in work while dealing with confidential data or sensitive information.

Millennium Software Inc., Dearborn, Michigan

Java Software Developer (02/2021 – 07/2021)

Client: Ford Motor Credit

- Lead the end-to-end design and development of cloud native applications in the finance domain.
- Developed highly scalable applications and complied with industry standards.
- Developed highly secure restful spring boot webservice by applying Test driven approach.
- Experience in developing Microservices using Spring Boot and followed test driven design.
- Build the CI/CD pipelines for APIs and deploy the APIs on PCF cloud.
- Setup tools for the continuous monitoring of the applications on the cloud.
- Modernize the old processes and applications.

Center for Urban Transportation Research, University of South Florida, Tampa, Florida

Graduate Research Assistant (12/2019 – 12/2020)

- Design and developed web application in JavaScript (Node.js, Express.js, Charts.js and leaflet.js) for motorcycle accidents in Florida.
- Build restful web service by writing AWS Lambda functions in java to automate the process of information retrieval, verify accuracy and completeness of data.
- Deploy the visualization tool on EC2 Linux instance, and database on AWS RDS.
- Migrate existing WordPress websites to AWS and set up CI/CD pipeline.

Oracle Corporation, Hyderabad, India

Applications Engineer (2/2014 – 12/2018)

- Lead the system design and feature development lifecycle to view and manage the services, processes, and application logs by using java and spring boot technologies. It reduced the ticket resolution time of L2 Support Team.
- Developed MySQL scripts to automate the validation process of the large-scale data, reduced the data load time by 10% by fine-tuning the existing functions and queries. Developed Unix scripts to automatically send alerts in case of delays and failures.
- Driven the team of two developers with agile and lean philosophies to deliver major Dataraker product integration with Meter Data Management (MDM) Oracle utility by building REST APIs in Java.
- Won cash award at Annual Innovation Summit for recommendation to automate formerly manual process of creating customer XMLs with a new Windows Desktop tool in JavaFX.
- Conceptualized and released features to show and color-code meter transformer, grids, and customer data on maps using Java Microservices and JavaScript library with longitude and latitude positioning.
- Collaborate with different teams, train, and mentor team members and clients.

Tech Mahindra, Hyderabad, India

Software Engineer (12/2010 – 2/2014)

Client: Thomas Reuters

- Engaged with clients to understand and document requirements, prioritize features, and finalize development schedules.
- Wrote code in adherence with technical standards and completed unit testing in Java and JUnit to receive XML files from MQ, parse files, and load data into database by implementing best practices and technical standards.
- Conducted performance unit testing, system testing, user acceptance testing, and business verification testing. Provided post-production support.
- Generated 25% increase in profitability in APAC and Americas for Thomson Reuters by delivering capability to calculate total cost of products and services per subscriber.
- Recognized as top scorer in completion of three-month onboarding program.

Education and Training

Master of Science in Computer Science
University of South Florida, Tampa, Florida

January 2019 – December 2020
GPA: 3.83
