Shilpi Sirohi

Tampa, Florida

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AREAS OF EXPERTISE

- 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.

- 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.

Education and Training

Master of Science in Computer Science   January 2019 – December 2020
University of South Florida, Tampa, Florida   GPA: 3.83

Master of Science in Computer Application   August 2007 – July 2010
Uttar Pradesh Technical University, Uttar Pradesh, India   GPA: 3.37

Technical Proficiencies

- *Programming Languages:* Java 8, Spring, Spring Boot, Junit, Mockito, SQL databases, HTML, JavaScript, Python, Shell Scripting
- *Tools & Technologies:* Restful APIs, Maven, Gradle, Jenkins, PCF Cloud, Splunk, Dynatrace, RabbitMQ
- *AWS Services:* EC2, Auto-scaling, IAM, RDS, Lambda functions, CloudFormation, CloudWatch, CloudTrail, VPC, S3, ECS, Code Commit, Code Deploy, SNS, SQS

Professional Experience

Millennium Software Inc, Dearborn, Michigan
Java Software Developer (02/2021 – Present)
Client: Ford Credit
- Lead the end-to-end design and development of cloud native applications in the finance domain.
- Developed the highly scalable applications and comply with industry standards.
- Developed highly secure restful spring boot webservices by applying Test driven approach.
- Build the CI/CD pipelines for APIs and deploy the APIs on PCF cloud.
- Setup tools for the continous 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 REST API 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.

— Coursera Certifications —

Certified AWS Solution Architect- Associate ~ Building Modern Java Applications on AWS