Maksud Sharif

Driven software engineer with over 10 years of technical experience and proven ability leading development and delivery of secure high-performance cloud applications. Skilled in full-stack enterprise Java development throughout the software development life-cycle including analysis, design, implementation, testing, operations, maintenance, monitoring, and automated deployment of applications to on-premise and cloud environments. Ask me about my homelab!

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💼 Experience

● 2019-10 – PRESENT ● RESTON, UNITED STATES
Lead Software Engineer
Jacobs Engineering Group
(formerly The Buffalo Group, LLC)

Other Positions
Software Engineer | October 2019 - September 2020

Take lead of the direction, capabilities, and implementation of multiple web-based solutions in classified and unclassified environments. Coordinate with customers (internal and external), write code, resolve technical issues, mentor juniors, provide tasking for technical and non-technical team members, and manage DevOps lifecycle for multiple applications.

Accomplishments:
- Spear-headed development of mission-critical (mapping, workflow, authentication/authorization) features/capabilities for Spring Boot application and completed 2 months ahead of schedule.
- Modernized data ingestion pipeline from legacy SOAP systems to modern search application with Python, Kafka, and Elasticsearch.
- Take ownership of hastily constructed proof of concept Java application and transformed in 6 months to a secure, scalable, and modern application that is deployed to production with multiple subsequent releases.

java, spring boot, angular, react, ci/cd, linux, aws, jenkins, sonarqube, python, kafka, wildfly, docker, openshift, postgis, soap/wsdl, elasticsearch, redis, activiti, alfresco

● 2015-09 – 2019-10 ● VIENNA, VA
Lead Software Engineer
Armedia LLC.

Other Positions
Software Engineer| February 2016 - September 2018
Junior Software Engineer| September 2015 - February 2016

As architect and tech lead for high-visibility project, direct the design, implementation, testing, and deployment for multiple production applications. Took ownership of delivery for high-visibility, high-impact end-user features for global health organization with global user-base. Analyze and implement new features from product road-map in Agile team for enterprise product with Spring and AngularJS.

Accomplishments:
- Delivered 5 product releases to production environments in AWS to global user-base improving average API response times by 2-3x and enhancing security controls as verified by third-party audits.
- Propose and re-architect search subsystem of production application with Solr Cloud to cut down query response times by 2-10x.

💼 Experience

- Deployed to production in AWS a greenfield enterprise Java/Spring/AngularJS application with real-time auditing, alerts, multi-factor authentication, and automated analysis of user-generated field reports for global health organizations.
- Use CI/CD pipelines for both Java and AngularJS application to shrink time to production from days to minutes with Bamboo.
- Build and execute end-to-end data migration from legacy system reducing time to production by months with Spring Boot.

java, spring, spring boot, angular, angularjs, ci/cd, linux, aws, solr, solrcloud, solrj, ci/cd, mfa, security, agile/scrum

⚗ Skills

Technologies
Java, Typescript/Javascript, Bash, Python, SQL, HTML/CSS, Spring, Spring Security, Spring Boot, Spring Integration, Angular, AngularJS, Angular Material, React, PostgreSQL, PostGIS, MySQL, MongoDB, Hibernate, Solr, Elasticsearch, ActiveMQ, Kafka, Hazelcast, Alfresco, Apache Tomcat, Wildfly, Git, REST API, Maven/Gradle, NPM, Yarn, JMeter, Karma/Jasmine/Protractor, JUnit, Apache Geode, Apache Camel, SOAP, Redis, Activiti, Alfresco

Cloud/DevOps
AWS, EC2, S3, RDS, AmazonMQ, Ansible, Docker, Linux, CI/CD, Scalable Architecture, Distributed Systems, Varnish, HAProxy, Apache, Spring Cloud, Jenkins, OpenShift, Kubernetes

Other
Gitlab, Bitbucket, JIRA, Bamboo, Jenkins, SonarQube, Artifactory, Contour, SDLC, Agile, Scrum

📕 Security Eligibility

TS/SCI
CI Polygraph
(Active, 09/2020)

🎓 Education

● 2011-08 – 2015-05 ● CHARLOTTESVILLE, VA, USA
Bachelor of Science, Computer Science
University of Virginia
(Coursework Towards)