

MAKSUD SHARIF

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Summary

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!

Experience

Software Engineer 10/2019 – present
The Buffalo Group, LLC., Reston, VA

Responsible for developing full-stack solutions for a variety of web based applications including business systems, mission systems, and support systems.

Work as part of multiple teams developing applications for both classified and unclassified environments. Help set the direction, implementation, and capabilities of the solutions to meet restrictions.

Accomplishments:

- Design and develop geo-spatial, workflow, and authentication/authorization and other business critical features for reporting and mapping application.
- Develop and refine Python data ingestion pipeline from legacy SOAP systems to modern search application with Kafka.

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

Lead Software Engineer 09/2018 – 10/2019
Armedia LLC., Vienna, VA

As architect and tech lead, provide guidance and mentorship for development teams in addition to the design, implementation, testing, and deployment of multiple new features for production applications.

Accomplishments:

- Deliver multiple product releases to production environments in AWS to global user-base improving average API response times by 2-3x and improve security based off third-party audits.
- Propose and re-architect search subsystem of production application with Solr Cloud to improve query response times by 2-10x.

java, spring, spring boot, angular, angularjs, ci/cd, linux, aws, solr, solrcloud, solrj

Software Engineer 02/2016 – 08/2018
Armedia LLC., Vienna, VA

Design, implement, test, and deploy application for

Experience

global health organization with global user-base. Took ownership of business critical features with high visibility from end-users.

Accomplishments:

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

java, spring, spring boot, angularjs, linux, aws, ci/cd, mfa, security, agile/scrum

Junior Software Engineer 09/2015 – 02/2016
Armedia LLC., Vienna, VA

Analyze and implement new features from product roadmap for enterprise Java application with Spring and AngularJS.

java, spring, angularjs, alfresco, junit

Security Eligibility

TS/SCI with CI Polygraph (Current, 06/2020)

Skills

Technologies

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

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, Artifactory, Contour, SDLC, Agile, Scrum

Education

Bachelor of Science, Computer Science 08/2011 – 05/2015
(Coursework Towards)
University of Virginia, Charlottesville, VA, USA