

Maksud Sharif

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📄 github.com/maksudsharif

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!

Security Eligibility

TS/SCI

CI Polygraph

(Active, 09/2020)

Experience

📅 2018-09 - 2019-10 📍 VIENNA, VA

Lead Software Engineer Armedia LLC.

As architect and tech lead for high-visibility project lead design, implementation, testing, and deployment of new features for production applications.

Accomplishments:

- Delivered 5 product releases to production environments in AWS to global user-base improving average API response times by 2-3x and improving security controls as verified by 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

Experience

📅 2019-10 - PRESENT 📍 RESTON, VA

Software Engineer The Buffalo Group, LLC.

Take lead of the direction, capabilities, and implementation of web-based solutions in classified and unclassified environments.

Accomplishments:

- Spear-headed development of mission-critical (mapping, workflow, authentication/authorization) features/capabilities for Spring Boot application and delivered 2 months ahead of schedule.
- Modernized data ingestion pipeline from legacy SOAP systems to modern search application with Python, Kafka, and Elasticsearch.

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

📅 2016-02 - 2018-08 📍 VIENNA, VA

Software Engineer Armedia LLC.

Took ownership of high-visibility, high-impact end-user features and deployed to production application for global health organization with global user-base.

Accomplishments:

- Deployed to production in AWS an 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 reduce time to production from days to minutes with

Experience

- 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, angularjs, linux, aws, ci/cd, mfa, security, agile/scrum

📅 2015-09 - 2016-02 📍 VIENNA, VA

Junior Software Engineer Armedia LLC.

Analyze and implement new features from product road-map in Agile team for enterprise Java application with Spring and AngularJS.

Accomplishments:

- Added user-preferences module to AngularJS application.
- Improve unit and integration test coverage of Java backend services by 5%.

java, spring, angularjs, javascript, alfresco, junit, agile

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

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

Education

📅 2011-08 - 2015-05

📍 CHARLOTTESVILLE, VA, USA

Bachelor of Science, Computer Science University of Virginia

(Coursework Towards)