

MAKSUD SHARIF

Driven software engineer with over 8 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, and testing. Also experienced with operations, maintenance, troubleshooting, monitoring, and automated deployment of applications to on-premise and cloud environments. Ask me about my homelab!

WORK EXPERIENCE

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

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 application.

Lead Software Engineer 09/2015 – 10/2019
Armedia LLC., Vienna, VA, USA

As architect and tech lead, provide guidance and mentorship for development team in addition to the design, implementation, testing, deployment of new features, and O&M support for production applications for international organization with global user-base. Took ownership of business critical features with high visibility from end-users including on-demand OCR, real-time auditing/compliance, and multi-factor authentication.

Accomplishments:

- Deliver multiple product releases to production environments in AWS to global user-base improving average API response times by 2-3x.
- Spear-head performance and security updates for production applications.
- Research search implementation of production application with Solr Cloud to improve query response times by 2-10x.
- Propose and implement architecture/technology improvements to increase reliability and scalability of production applications through performance testing.
- Design, implement, and execute strategy for end to end data migration from legacy system (Excel/Sharepoint) to modern application (Java/AngularJS) with automated validation of legacy data using Spring Boot reducing time to production by months.
- Add multi-factor authentication to enterprise Java application with Spring Security.
- Create and deploy CI/CD pipelines for

WORK EXPERIENCE

Java/AngularJS application to EC2 virtual machines in AWS reducing time to production from days to minutes.

- Improved efficiency of global organizations by providing real-time auditing, alerts, and analytics of critical field reports.

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

SKILLS

Technologies

Java, Javascript, Bash, Spring, Spring Boot, SQL, ORM, Solr, ActiveMQ, Hazelcast, Alfresco, PostgreSQL, Apache Tomcat, AngularJS, Typescript, Angular, Git, REST API, Maven/Gradle, NPM, JMeter, HTML/CSS, Apache Geode, Spring Security, Spring Integration, Apache Camel

Cloud/DevOps

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

Other

Gitlab, JIRA, Bamboo, Contour, SDLC, Team Management, Agile, Scrum

Clearance

Secret (Current)



maksudsharif.com



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linkedin.com/in/maksudsharif

EDUCATION

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