

MAKSUD SHARIF

github.com/maksudsharif | maksudsharif@gmail.com | linkedin.com/in/maksudsharif | maksudsharif.com |
Clearance: Secret (Current)

Summary

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

Lead Software Engineer 09/2018 – present
Armedia LLC., Vienna, VA, USA

As architect and tech lead, provide guidance and mentorship for development team in addition to the design, implementation, testing, and deployment of multiple new features for production applications as well as provide O&M support for production applications. Propose and implement architecture/technology improvements to increase reliability and scalability of production applications through performance testing and monitoring to meet increased load.

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.
- Rearchitected search implementation of production application with Solr Cloud to improve query response times by 2-10x.

Keywords: java, spring, spring boot, angular, angularjs, ci/cd, linux, aws

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

As part of Agile/Scrum development team, design, implement, test, and deploy application for international organization with global user-base. Took ownership for multiple critical areas of the application which greatly reduced end-user pain-points including but not limited to:

- On-demand OCR: Remove manual parsing and copying of multi-page PDF documents.
- Real-time Auditing: Track all changes to user-data for analytics and compliance.
- Automated validation of external data sources to streamline data ingestion and reduce user error by 20%

Accomplishments:

- Deploy enterprise Java/Spring/AngularJS application to production in AWS for global user-base. Worked from customer requirements to implement core product features (on-demand OCR, automated auditing, and automated validation of documents) through entire SDLC

Work experience

process.

- 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. Included design, proof-of-concept, implementation, and integration.
- Create and deploy CI/CD pipelines for Java/AngularJS application to EC2 virtual machines in AWS reducing time to production from days to minutes.

Keywords: java, spring, spring boot, angularjs, linux, aws, ci/cd

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

Analyze and implement new features from product roadmap for enterprise Java application with Spring and AngularJS. Collaborate with senior engineers to investigate and resolve product issues. Participate in daily agile scrum processes including use of JIRA, Contour, and Gitlab to perform daily tasks.

Accomplishments:

- Add user preferences module to product to allow quick customization of user dashboards in AngularJS application.
- Improve unit and integration test coverage of Java backend services by 5%.

Keywords: java, spring, angularjs

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

Education

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