

MAKSUD SHARIF

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Clearance: Secret

Summary

Driven software engineer with over 4 years of 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 lifecycle 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 updates to increase reliability and scalability of multiple 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.
- Implement Java/Angular application to serve as "portal" for multiple production applications.
- Spear-head performance and security updates for production applications.

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

Software Engineer 02/2016 – 08/2015
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, real-time granular auditing, automated validation of external documents for key information which is subsequently ingested.

Accomplishments:

- From customer requirements, implement core product features (on-demand OCR, automated auditing, and automated validation of documents) following the SDLC process to production deployment in AWS for a global user-base.
- Design and execute end to end data migration from legacy system (Excel/Sharepoint) to modern system (Java/AngularJS application) with

Work experience

automated validation of legacy data using Spring Boot.

- Add multi-factor authentication to enterprise Java application which integrates with external system.
- Install and maintain applications and CI/CD pipelines for Java/AngularJS application to CentOS virtual machines in AWS.

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 and ultimately improve user experience. 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 test coverage of Java backend services to improve reliability.

Keywords: java, spring, angularjs

Skills

Technologies

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

Cloud/DevOps

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

Other

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

Education

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