**ARUN VARGHESE – SENIOR SOFTWARE ENGINEER**

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**SUMMARY**

I am results-oriented and self-motivated with over six years of industry experience in the complete SDLC of distributed web applications. Looking to further expand scope of technical knowledge and contribute to the company’s success. In my free time, I create web applications that demonstrate and further my aptitude in UI/UX and software architecture.

**HIGHLIGHT OF QUALIFICATIONS**

* 6+ years of java development experience using agile methodology
* Drive complex solutions and deliver on time while coordinating with cross functional teams
* Experience in working on distributed systems and N-Tier architecture
* Visualizes and designs systems across multiple product lines and integrations with external systems
* Proactively analyzes and recommends ways to reduce technical debt and automate repetitive tasks
* Strong technical and interactive communication skills, as well as excellent collaboration skills
* Exceptional at building trust and influencing decisions with business, vendors, and stakeholders
* Client-focused, strong interest in working with new technologies to solve business problems
* Effective leadership skills with respect to influencing team members and managing resources
* Able to adapt and be successful in handling multiple responsibilities in high-stress environments
* Efficiently breaks down technical problems to facilitate solutions

**TECHNICAL SKILLS**

**Languages**

Java/J2EE / Groovy / JavaScript ES5/ES6 / TypeScript / Shell Scripting / YML / XML

**Source Control**

Git / Gitflow / Github / Bitbucket / SVN / ClearCase

**Frameworks & Architecture**

Agile / Microservices / SOA / Spring Boot + MVC / REST / SOAP / Hibernate / Mean.IO / Kafka + Flink / Grails

**Front End**

JQuery / Angular 2.5/4 / AJAX / Bootstrap / Gulp / JSON / CSS3 / SCSS / HMTL5 / Markdown

**Back End**

JPA / GORM / MongoDB / Liquibase / Oracle 11g / SQL Server / Oracle SQL Developer / PL/SQL / JDBC / MyBatis

**Server**

Tomcat / Heroku / Nginx / RabbitMQ / Express

**Testing**

JUnit / FrisbyJS / Spock / Mockito / Selenium / Karma / Jasmine / Protractor / HermesJMS / Firebug

**Build and Automation**

Jenkins / Maven / Nexus / Gradle / Travis-CI / Docker / NPM / Bower / Bamboo / Sonar / FishEye / Crucible / Ant   
**Tools**

IntelliJ / Eclipse / Postman / SoapUI / Chrome Dev Tools / Kafka Tool / Kibana / FluentD / Blue Ocean

**Data Monitoring**

Kafka Tool / Kibana / Fluentd / Splunk / Data Dog

**Interests**

Machine Learning / Mobile Development / Python / React 16 / AWS / Azure

**PROFESSIONAL EXPERIENCE**

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| **Spireon Inc. –** *Irving, TX* | **August 2015 – Present** |

***Senior Software Engineer***

**Projects:** Nspire Platform, Core Platform, ProviderAPIs, UBI Pilot, Environment Dashboard

**Highlights & Responsibilities**

* Java microservice architecture redesign to support scaling of reporting abilities for our customer solutions as part of a push for a more microservice oriented architecture using Spring Boot, Kakfa, JPA, and Docker
* Work internal tools development including high priority enhancements, as well as managing ongoing relationships with major carriers like Sprint/T-Mobile/Verizon/AT&T
* Owned the development and successful rollout of SIM management features for new vendors/partners, which decreased device airtime costs up to fifty percent and support team’s involvement in the process
* Developed and handed off multiple scripts to allow production support teams to tackle high priority issues that were discovered during critical feature rollout, reduced manual support times drastically from 60 cases a day to less than 10
* Delivered REST microservice for pilot, including solution design, implementation, integration, and production readiness
* Partnered closely with the lead architects to influence and drive technology solutions
* Managed onboarding for new team members, including mentorship and best practices
* Worked with vendor integrations for M2M architecture while collaborating with external teams to drive delivery
* Took over role as permanent Scrum Master, over time helped the team to develop consistent results and velocity
* Led efforts to onboard new vendors, including knowledge share, API integration, and network configurations
* Migrated legacy code from previous code base, adhering to new coding standards and best practices
* Supported development initiatives to enhance the core technology and improve customer experiences
* Traveled to California on multiple occasions to participate in scaled agile (SAFe) planning sessions
* Created published scripts as workarounds to current application logic gaps
* Documented personal notes whenever possible, updating documentation gaps and onboarding guides
* Created scripts for quicker testing, documented so that QA team members could easily reuse
* Worked with major carriers to setup m2m services, upgrade APIs, and troubleshoot customer issues
* Presented on multiple occasions including functional demos to upper management
* Led carrier integration efforts to upgrade carrier APIs and troubleshoot connectivity issues
* Initiated and led agile meetings including scrum, grooming, retrospectives, and planning sessions

**Technical Environment**

Mac OS, Linux, M2M, Groovy, Grails, Elastic Search, MongoDB, CXF, HTML, JavaScript, JQuery, AJAX, CSS, XML, MySQL, Agile, TDD, Spring MVC, REST, SOAP, OO, Git, Nexus, Maven, Tomcat, Spock, JUnit, SoapUI, Postman, Slack, JIRA, Pivotal, MS PowerPoint/Word/Excel, Confluence Wiki, Logic Monitor, Splunk, Angular, Kibana, Fluentd, Docker, Microservices, Blue Ocean

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| **Fidelity Investments –** *Westlake, TX* | **July 2012 – August 2015** |

***Software Engineer***

**Projects:** DAL SDS, FEAS, IRA, FundRef

**Highlights & Responsibilities**

* Owned and maintained high visibility maturing application dealing with Reference Data Consolidation as well as supported over five other applications within the company’s data access layer
* I automated test data setup by incorporating real time data through Java, reducing testing setup time from hours to minutes; this also reduced scripts and manual inputs required to complete E2E integration tests
* Led efforts in integrating with vendor-developed IRA to connect to systems for automating data setup, effectively reducing manual setup process from weeks to minutes
* Piloted disaster recovery automation efforts, utilized HP Operations Orchestration studio to create release processes to minimize manual inputs and reduce resources on call
* Developed well documented and extendable test suite using SoapUI/Postman for services, drastically reduced time spent on creating tests for new services
* Automated test data generation by incorporating real time data through Java code thus reducing testing timeframe and the number of code, scripts, and manual inputs required
* Identified issues with deployment process, learned and implemented UNIX shell scripts to automate deployment process in application environments to reduce deployment errors and overall execution time
* Enhanced web applications using JavaScript and AJAX to improve features being used by internal customers resulting in faster performance and better user experience
* Interfaced with quality assurance team to develop a testing tool using Selenium and JUnit testing frameworks, used by both quality assurance and development team for extensive testing
* Facilitated quarterly releases using SAFe framework through collaborating with architecture leads
* Performed code reviews through FishEye/Crucible for developers to improve code quality and efficiency
* Reviewed change requests and collaborated with product owners to prioritize backlogs for releases
* Supported multiple projects in testing, development, and maintaining deliverables
* Developed web services using both REST and SOAP to support DAL SDS application, implemented SOA APIs
* Took the initiative to write JUnits for project with out any tests to improve Sonar nightly build reports
* Worked with quality assurance team to document and prioritize defects documented in HP Quality Center
* Created user interfaces for new functionality for legacy projects using HTML, JavaScript, JQuery, MVC
* Managed branching and merging of project source code in SVN to align with quarterly project releases

**Technical Environment**

Windows, Linux, Java/J2EE, HTML, JavaScript, JQuery, AJAX, CSS, XML/XSD, XSLT, Shell Scripting, Oracle 11g, Oracle SQL Developer, PL/SQL, JDBC, iBatis, MyBatis, Agile, TDD , Selenium, Spring MVC, REST, SOAP, SOA, OO, SVN, Bamboo, Sonar, FishEye/Crucible, Ant, Maven, SpringSource, Tomcat, WinSCP, Putty, JUnit, SoapUI, Postman, Selenium, JIRA, HP Quality Center, HP Operations Orchestration, HP Service Manager, MS PowerPoint/Word/Excel, SharePoint

**EDUCATION**

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| **Bachelor of Science in Software Engineering** | **May 2012** |
| ***University of Texas at Dallas, Richardson, Texa****s* |  |

**ACHIEVEMENTS**

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| **Collaborator on**[**US Patent 9491178 B2**](https://www.google.com/patents/US9491178) | **Published November 2016** |

***Identifying a measure of online security***

A computer-implemented method includes retrieving, by one or more processing devices and from one or more data repositories, user information; generating, based on the retrieved user information, a digital personal profile that is a composite of a set of pre-defined attributes; determining an aggregate strength of values of the set of pre-defined attributes in the digital personal profile; and generating, based on the determined aggregate strength, a digital security score that measures a level of online security of accessing resources over a computer network.