**Arun Varghese – Senior Software Engineer**

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| **Location:** Dallas, Texas | **Email**: arunv4700@gmail.com |
| **Phone**: 469-777-0675 | **Website**: http://avarghese.me |

**Summary**

I am a 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, establish a professional identity, and contribute to the company’s success. In my free time, I work on front-end web development with popular frameworks to learn more about UI/UX and software architecture.

**Highlight of Qualifications**

* 6+ years of java development experience using agile methodology
* Able to build complex solutions on time while working with offsite teams
* Experience in working on multiple projects with distributed teams, managing time and resources effectively
* Excellent problem-solver, able to quickly grasp complex systems
* Efficient at identifying opportunities for improvements and resolution of critical issues
* Strong technical and interactive communication skills
* Excellent collaboration skills
* Exceptional job at maintaining good relationships with business/customers, vendors, and stakeholders
* Client-focused, interested in working with technology to solve business problems
* Quick learner and exceptionally hardworking at every task pursued
* Flexible and capable of performing well on team-oriented tasks and meeting deadlines
* Effective leadership skills with respect to influencing team members and delegating abilities
* Able to adapt and be successful in handling multiple responsibilities in high-stress environments
* Experienced with working on distributed and N-Tier architecture

**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**

Angular 2.5/4 / Jquery / AJAX / Bootstrap / NPM / Bower / 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 / Selenium / Karma / Jasmine / Protractor / HermesJMS / Firebug

**Build and Automation**

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

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

**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 – Present** |

**Senior Software Engineer**

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

**Summary**:

I am working on Java microservice architecture redesign to support scaling of reporting abilities for our customer solutions as part of our push for a more microservice oriented architecture using Spring Boot, Kakfa, JPA, and Docker. In addition, I work internal tools development including high priority enhancements, as well as managing ongoing relationships with major carriers like Sprint/T-Mobile/Verizon/AT&T.

**Highlights:**

* Delivered REST microservice including solution design, implementation, integration, and production readiness
* Managed onboarding for new team members, including mentorship and best practices
* Worked on internal tool development, vendor API integrations for M2M architecture, and UI/UX enhancements while successfully collaborating with distributed teams to drive consistent feature delivery.
* 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.
* Took over role as permanent Scrum Master, over time helped the team to develop consistent results and velocity
* Developed and handed off multiple scripts to allow production support teams to tackle high priority issues that were discovered during SIM Management rollout, reduced manual renewal support times drastically from 60 cases a day to less than 10
* Worked with stakeholders/clients to directly address high impact items
* Developed SIM management functionality for new vendors/partners, decreased costs for airtime and manual involvement in process
* Lead 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
* Designed, developed, unit tested, and debugged application features as specified
* 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
* Collaborated with core platform team to design architecture for new features
* Created scripts as workarounds to current application logic gaps
* Documented personal notes whenever possible, updating dev and onboarding guides
* Created scripts for quicker testing, documented so that QA team members could easily reuse
* Dealt with shifting priorities, worked around resource gaps
* Worked with major carriers to setup m2m services, upgrade APIs, and troubleshoot customer issues
* Designed and developed audit capabilities for carrier service integrations
* Presented on multiple occasions including functional demos to upper management
* Participated in product backlog grooming sessions, including story estimations, tasking, and discussions
* Leveraged acquired technology knowledge to implement product solutions
* Led carrier integration efforts to upgrade carrier APIs and troubleshoot connectivity issues
* Initiated and led agile meetings including scrum, grooming, retrospectives, and planning sessions

**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

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

**Software Engineer**

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

**Summary**:

I 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 have had the opportunity to start on this endeavor in its infantile state and watch it grow into a high visibility project, learning to deal with a variety of challenges along the way.

**Highlights:**

* 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
* Facilitated quarterly releases using SAFe framework through collaborating with architecture leads
* Owned vendor product adoption, became subject matter expert and supported clients
* Performed code reviews through FishEye/Crucible for developers to improve quality and efficiency
* Reviewed change requests and collaborated with product owners to prioritize backlogs for releases
* Piloted disaster recovery automation efforts, utilized HP Operations Orchestration studio to create release processes to minimize manual inputs and reduce resources on call
* 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
* Developed well documented and extendable test suite using SoapUI/Postman for services, drastically reduced time spent on creating tests for new services
* 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
* Supported multiple applications through HP Service Manager, handling incident requests in a timely manner
* Documented vendor product setup steps as well as testing procedures through SoapUI and HermesJMS
* Developed user interfaces for FundRef application, modifying form elements from screen to screen,
* Developed middle tier for FundRef application, modifying XML bindings between domain and XSD objects
* 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
* Developed code using JUnits and a Test Driven Development perspective
* Enhanced web applications using JavaScript and AJAX to improve features being used by internal customers resulting in faster performance and better user experience
* Migrated test cases originally written in MS Excel to HP Quality Center, resulting in better usability
* 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
* 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

**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, Texas |  |

**Achievements**Collaborator on [**US Patent 9491178 B2**](https://www.google.com/patents/US9491178)  
**Identifying a measure of online security**  
**Published November 2016**

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. **Work Authorization**

US Citizen