

# ARUN VARGHESE

## SENIOR SOFTWARE ENGINEER – PLANO, TX

### OVERVIEW

I am results-oriented and self-motivated with 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 applications with popular frameworks to learn more about UI/UX and software architecture. View my online resume for details →

### HIGHLIGHTS

- ✓ 7+ years of java development experience using agile methodology
- ✓ Strong technical and interactive communication skills, excellent collaboration skills
- ✓ Client-focused, interested in working with scalable technology to solve business problems
- ✓ 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
- ✓ Adaptable and successful in handling multiple responsibilities in high-stress environments
- ✓ Exceptional job at maintaining relationships with business/customers, vendors, and stakeholders
- ✓ Proactively analyzes and recommends ways to reduce technical debt and automate repetitive tasks
- ✓ Able to drive delivery of complex projects with distributed teams, managing time and resources effectively
- ✓ Writes scalable and resilient code by utilizing emerging technology and researching latest software patterns

### EXPERIENCE

#### Senior Software Engineer & Technical Lead

June 2018 – Present

##### Masergy, Inc. – Plano, Texas

- ❖ Decomposed company sales workflow by domains, took isolated contexts and migrated them to micro services that are a part of a new event driven messaging architecture
- ❖ Implemented versioned APIs and bounded contexts using DTOs and JPA to reduce dependencies, remove cross-schema communications, improve scalability, and properly define domains
- ❖ Leveraged front-end expertise to successfully migrate legacy application pages to Angular, thus reducing page load times, improving maintainability, and enriching the customer experience
- ❖ Designed and developed solution for persisting user application preferences through a micro service using a mongo data store; presented during company hackathon and was approved for implementation
- ❖ Organized lunch and learn on Angular practices, standards, and problems/solutions, providing the team with a collaborative atmosphere while increasing knowledge and promoting work culture

#### Senior Software Engineer

August 2015 – June 2018

##### Spireon, Inc. – Irving, Texas

- ❖ Focused on our core platform, taking part in solution design and implementation of RESTful web services as part of our push for a more micro service oriented architecture using Spring Boot, Kafka, JPA, and Docker
- ❖ Managed onboarding for new team members, including mentorship and best practices. In addition I managed ongoing relationships with major carriers like Sprint/T-Mobile/Verizon/AT&T
- ❖ 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
- ❖ Collaborated with core platform team to design architecture for new features

#### Software Developer

July 2012 – August 2015

##### Fidelity Investments – Westlake, Texas

- ❖ 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
- ❖ 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
- ❖ Piloted disaster recovery automation efforts, utilized HP Operations Orchestration studio to create release engineering processes to minimize manual inputs and reduce resources on call
- ❖ Led integration with vendor-developed IRA to connect to systems for automating data setup, effectively reducing manual setup process from weeks to minutes
- ❖ 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

### EDUCATION

#### Graduated May 2012

##### Bachelor's Degree, Software Engineering

University of Texas at Dallas – Richardson, Texas

### ACHIEVEMENTS

#### US Patent 9491178 B2

##### Identifying a measure of online security

Published November 2016, <https://www.google.com/patents/US9491178>

### INFORMATION

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**Website** <https://avarghese.me/resume>  
**Github** <https://github.com/vararun>

### OPEN SOURCE

#### Personal Website

My personal website. Utilized Jade, HTML5, Typescript, SCSS, Gulp, Bower, Node, Express, Travis-CI. Hosted on GitHub!

#### Car Dash

Web dashboard with robust REST API used for viewing, tracking, and assigning expenses for investments in a rally car. Utilized Angular 2.0, Heroku, Mongo, Travis-CI, Node, Express, Frisby.js. Hosted on Heroku!

### LATEST PROJECTS

#### UBI Pilot

Java micro service architecture redesign to support scaling of reporting abilities for our customer solutions. Building with scalability, resiliency, and distributed computing in mind. Utilized AWS, Kafka, Flink, MySQL, Spring Boot, Frisby, Gradle, Docker

#### Nspire Platform

Groovy/Grails web app used for internal company operations such as warehousing, tier 2 support, problem diagnosis, and migration operations. Utilized linux servers, tomcat app server, MySQL, MongoDB, Elastic Search, RabbitMQ, Redis, various vender APIs

### SKILLS [ Listed left to right by experience level ]

#### Languages

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

#### Source Control

Git / Gitflow / Github / Bitbucket / SVN / ClearCase

#### Frameworks & Architecture

Agile / Scrum / Micro Services / SOA / Spring Boot + MVC / REST / SOAP / Hibernate / Mean.IO / Kafka + Flink / Grails / Event Driven / DTO

#### Front End

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

#### Back End

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

#### Server

Tomcat / Heroku / Nginx / RabbitMQ / Express

#### Testing

JUnit / FrisbyJS / Gherkin / 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 / Kubernetes