Sriram Subramanian

**Software Developer**

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<https://stackoverflow.com/users/4002680/popeye>

# Image result for github icon <https://github.com/sriram1127>

# SUMMARY

Four years of Professional Software Development experience in Web App development, Android Apps, Database Design, Integration, Implementation, Unit Testing, and troubleshooting mission-critical Software.

# EDUCATION

* Master’s Degree: Master’s in computer science, University of North Carolina, Charlotte, Graduation: Aug 2017 GPA: 3.9
* Bachelor’s Degree: Electrical and Electronics Engineering, Anna University, Graduation: May 2013 GPA: 3.5

# ABOUT ME

* Actively Participating in Coding Challenges and Concentration in **Data Science**
* Debugging is my good strength and I am passionate about Software Development.
* Extensive knowledge of Multi-threading, Relational Databases and fundamentals in mathematics.
* I like Algorithms and love to code and solve Analytical and Reasoning problems.

# KEY POINTS:

* Comfortable with Design Pattern, & Dependency Injection
* Good understanding of OOPS, & AWS Cloud Experience
* Strong Experience in Java. Great Passion for programming
* 4+ years in Full Stack Software Development

# SKILLS

Programming Languages **Java,** J2EE, JavaScript(nodejs), Android, PHP, React js

Front End **HTML5**, CSS3, Ajax, JSP, jQuery, Bootstrap 3, JSP, Server – Tomcat

Web Service **RESTful**, SOAP, JSON, XML,

Frameworks **TDD**, **Spring MVC 3,** **Hibernate**, Maven, Docker Deployment, **Jenkins**

Database & Cloud MySQL, Laravel5.4, Postgres, Firebase, JDBC, Elastic Beanstalk, Cloud Foundry

Designs, Tools & Technologies Dependency Injection, **AWS, GIT,** Agile, Eclipse, **Unit Testing, JUnit,** JIRA

# WORK EXPERIENCE: 4 YEARS

* ***Standard Bank of South Africa*, Project Engineer, Nov 2013 - Jun 2015**

• NBOL - A New Business Online banking platform puts online Corporate and Business Banking at your fingertips 24/7, anytime, anywhere.  
Business Online offers a comprehensive range of products and services designed to address all your business banking requirements, allowing you to manage your accounts, pay creditors and salaries, collect money from debtors, trade in foreign exchange and manage liquidity across a range of local and foreign currency bank accounts.

As a project Engineer worked on new business Online banking platform puts online Corporate and Business Banking at your fingertips 24/7, anytime, anywhere  
  
• Client - Standard Bank of South Africa

• **Responsibilities** -  
  
- Preparing and Analyzing Technical Design Document (TD),  
- Use Case Doc Preparation   
- UML diagrams generation,  
- Design and Coding,  
- Code refactoring, Code review,  
- JUnit Testing (BDD - Behavior Driven Development),  
- Bug fixing and code maintenance.

**Award: Feather in My Cap**

* ***Uniphore Software* Systems, Software Engineer, Jun 2015 – July 2016**

auMina - Audio Mining  
  
auMina brings the power of business intelligence, analytics and text mining to provide valuable customer intelligence for marketing and business functions. With auMina, contact centers can train Call agents, increase Revenue, enhance Consumer Experience, improve compliance. It can measure consumer sentiment and use it to identify new selling opportunities or take corrective action for unhappy customers.  
  
auMina’s built-in data analytics allow to take a data-driven approach to proactive decision making, to improving agent quality, and to increasing customer satisfaction

speech analytics product:  built-in Data Analytics allow to take a data-driven approach to proactive decision making, to improving agent quality, and to increasing customer satisfaction

• I have worked as a Software Developer, Java. Role:   
- Use Case Specification.  
- Design and Develop Program code,  
- UI Design and Construction  
- JUnit Testing,   
- Flow construction and maintenance.  
- Huge Data Generation  
  
• I have gained extensive experience in data generation techniques, audio processing, speech biometrics and so on.

**Award: Quarterly performer Award**

* ***UNC, Charlotte*, Student Web Application Developer, Jan 2017 - Aug 2017**

‘ATTENDENZ’ (UNCC Project) using QR code: developed An Android App - Most Secure and Intelligent way of enrolling the presence. This project has been awarded the best by the panel. The main feature of this application is the use of the Real-Time Firebase Database. The Security is well ensured by the QR Code Authentication and Signal Strength of the Wireless Fidelity of the university Network.

Web Application Development  
  
**Responsibilities**:  
-Use Case Analyses,   
-Production Code development,   
-Code Refactor, Bug fix,  
-Code Deployment,   
-and Code maintenance  
  
**Technologies**:  
Front End - PHP 5.6, HTML 5, CSS 3, JavaScript, jQuery, Bootstrap,  
Backend - MySQL5.6, Postgres 9.5,  
Framework - Laravel 5.4 MVC Framework,  
Deployment Technique - Docker  
Tools & Software’s - PHPStorm, Git, WebStorm, JIRA, Bitbucket, VMWare,

* ***Monsanto Company*, Software Engineer Internship, Aug 2017 - Present**

1. Breeding Security App.

This Application is used by Monsanto user to get access to the Pedigree. Pedigree is a tool used for breeding data analysis etc., Users request access by logging into the application. Once the request gets approved by the approval chain members, the email get triggered and the user can then use the pedigree related functionalities.

2. Recognition App. This App is designed and developed for the Human Resource team. The members are recognized monthly and quarterly. This App automated that process of recognition by a nomination process (Web App). This is also a Single App Application. Previously the nomination is done through Nintex forms. The App is its initial phase of development.

**Technologies & Stack**:  
Front End - HTML 5, CSS 3, React,   
Mid Layer - Web API (restful), Hibernate  
Backend - Postgres 10,  
Server - Cloud foundry (AWS), Jenkins Build  
Repository – GitHub, Tools & Software - Atom, Git, Postman.

**Responsibilities**:  
-Designing and constructing UI components for Screens,   
-Configuring Route,   
-Developing mid-level Layers,  
-Code push, bug fix,   
-and maintenance**, DB Design**

# My Interests:

* Favorite Subject: **Algorithms & Data Structures**
* Favorite Language**: Java & JavaScript**
* Favorite Database: **Postgres SQL**
* Favorite Approach: **TDD (JUnit)**
* Methodology: **Agile**
* **Love solving Rubik’s cube**

# Wipro Certifications

* Java
* JavaScript
* HTML
* Banking 101