

## SATHYA SUBRAHMANIAN

2905 Wickersham Way #203, Falls Church VA-22042  
sathya\_s@outlook.com, Phone 202-569-7921

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**Objective : Utilize experience of UX/front-end development skills, assisting analysts and designers with prototyping in order to obtain a position where I can implement web solutions which exceed the client's needs.**

**Personal Website: [www.about-sathya.com](http://www.about-sathya.com)**

### EXPERIENCE

#### ➤ Premier IT Solutions, Inc

Richardson, TX

#### **Front end/Angular Developer** (April 2014-July 2016):

Involved in front end development of enterprise class web applications. Worked as a member of high functioning scrum teams to help drive next generation user experience. Followed guidelines and standards such as source code control, documentation, testing practices.

- Built custom **AngularJS** directives using both-isolated and inherited scopes, to refactor existing codebase and perform simple DOM manipulations(using link function).
- Used **AngularJS** for **dependency injection** using existing services.
- Ability to refactor existing codebase by utilizing existing **AngularJS** directives like **ng-options,ng-model**
- Used **NodeJS** with **Bower** to obtain node modules/dependencies for the application structure desired.
- Used JavaScript libraries such as **jQuery** in building complex interactive experiences, navigating DOM structure and used utility functions such as \$.each & \$.map
- Used **JSON** for data exchange between client and server
- Built Regular expressions for validating user input in terms of Globally Unique Identifier(GUID), textarea submissions etc.
- Used Cascading Style Sheets(**CSS3**) and its framework(**Bootstrap**) in implementing responsive web design using fluid grids
- Used knowledge of design techniques such as Sprites to develop pages with good performance
- Involved in writing or modifying mySQL scripts when necessary.
- Used **Git** most recently and **SVN, Team Foundation Service** earlier as source control tools
- Worked on **JIRA** bug-tracking/collaboration tools
- Built applications on **Jenkins** and deployed in various environments
- Collaborated with QA teams in verifying application workflow.
- Profiled application using YourKit profiler to detect slow response times in application workflow

🔧 Object oriented programming platform: **Java(v1.6), Javascript(ES6)**

🔧 Relational Database skills: **MySQL v5.6.17**

🔧 Front-end technology skills: **HTML5, CSS3, JavaScript(ES6), AngularJS(1.5.4), jQuery(2.1.4)**

### EDUCATION

#### ❖ THE GEORGE WASHINGTON UNIVERSITY, Washington DC

**Master of Science in Systems Engineering** (December 2013)

#### ❖ NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI, India

**Bachelor of Technology in Mechanical Engineering** (May 2010)

### ACADEMIA

- **Graduate Teaching Assistant** (January 2013- May 2013): Assisting MBA candidates with excel applications and Arena based simulations for a Consulting Abroad Program taught by Professors Dr. Jain and Dr. Kanungo in the George Washington University School Of Business.

### SKILLS AND OTHERS

- Languages: **English(fluent/native)**
- Interests: **Piano, Tennis, Stock Investing, Photography**
- Computer softwares/skills : **HTML5, CSS3, AngularJS(1.5.4), JavaScript(ES6), jQuery(2.1.4), MySQL v5.6.17, Java(1.6), Spring STS, Sublime, Visual Studio Code, Source Tree, Git, TFS, SVN, MS Office**