

# Snedden Gonsalves

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## OBJECTIVE

Software engineer with 3+ years of professional experience in full stack web technologies who aspires to be a productive member of a passionate team working on world class products and services.

Key skills include:

- Proficient in number of front-end technologies namely Angular, jQuery, D3.js, JavaScript(ES6) etc.
- Solid grasp of Java EE and its spring boot framework.
- Extensively work with teams that follow the sprint-agile as their SDLC framework.

## EDUCATION

### ROCHESTER INSTITUTE OF TECHNOLOGY - Rochester, NY

August 2013 – August 2016

Master's in information science and Technology (MS IST) G.P.A 3.5

## WORK EXPERIENCE

### THOMSON REUTERS, ROCHESTER NY

September 2016-Current

Software Engineer

- Developed and maintained an internal web application that helped TR editors to create content for its regulatory intelligence product. Key technologies used in the project were *JAVA EE, ANGULAR, jasmine, Selenium, JUNIT, spring boot, ANT* etc. Some of the activities performed as job responsibilities:
  - Helped to setup a brand-new front-end module for the application using Angular 4. Ported the old modules' functionality to the new module.
  - Delivered new features for the web application as instructed by the product owner also maintained old releases, releasing a new release every 6 months.
  - Ensured the delivered code was robust with thorough unit test coverage before merging in for QA using technologies such as Jasmine and JUNIT.
- Worked on for a brand-new product powered by AWS cloud services that provided risk assessment by gathering information and profiling entities. Apart from using similar web stack as the project I mentioned before the project also required usage of AWS cloud service such as *EC2s, S3, CloudFormation, code pipeline, code deploy, Lambda(python)* and others. Some of the activities I performed as job responsibilities unique to this project then the one before:
  - Worked closely with a dedicated UI designer to implement the proposed designs and provide feedback using Angular's component-library: *Material* to implement most of the requested features.
  - Reviewed design decisions to use various AWS services aptly and effectively as required for the project.
  - Created new python-based lambda functions to scrape articles off various sources.

### CYPHERWORX, FAIRPORT, ROCHESTER-NY

January 2016 to May 2016

Web developer Co-op

- Help developed and maintain company's web application that let customers create onboarding content for their employees. Core technologies used in the project were *PHP, Drupal, JavaScript*.
  - Worked exclusively to integrate an open-sourced external module for online meetings into company's web application.
  - Reviewed company's GIT usage and suggested some changes that were received positively.

### PAYCHEX, WEBSTER, ROCHESTER-NY

January 2015 to May 2015

Change, Build & Release Management Co-op

- Worked with a team responsible for maintaining service management software – ServiceNow. Actively involved in regular team scrums and gave productive feedback. Made minor bug fixes and configs changes in the front end in *JavaScript*.

### SOFTWAPS TECHNOLOGIES - MUMBAI, MAHARASHTRA

January 2012 to July 2013

- Developed software that managed transactions, generate invoices, quotes, bills and questionnaires. Used ASP.net and C# to develop user input forms, tables that interact with the DB. Worked extensively with *HTML, jQuery, AJAX, CSS* to implement front-end logic and design.

### Rochester Institute of Technology, Rochester, NY

Student Manager

- Managed around 30 student's employees at a time.
- Trained and assimilated new student employees into the work force.

## SKILLS

<b>Programming Languages:</b>	Java, C#, C++, Python.
<b>Scripting languages:</b>	PHP, JavaScript, AS3, R, Typescript.
<b>Web:</b>	HTML5 /DOM/ CSS4 /SVG, XML/Schema/DTD, JQuery, Angular 2+, Bootstrap, D3.js, Drupal, Laravel, KnockOut.js, REST services, ECMAScript 6
<b>Database:</b>	MySQL, Mongo DB.
<b>Designing tools:</b>	Photoshop, illustrator, Flash.
<b>Web Architecture:</b>	Windows server, IIS, ASP.
<b>Version Control:</b>	GIT, github, gitLab.
<b>Analytical:</b>	Weka, RStudio, Tableau, Scikit-Learn Library.
<b>Cloud based:</b>	AWS services; EC2, Code pipeline, Troposphere, Lambda etc.
<b>Testing:</b>	Jasmine, Junit, Cucumber.

## PROJECTS

### Data visualization web app (Capstone Project)

- A web application where users can create highly customizable graphs and data visuals
- User may use input data format in JSON or CSV and export graphs in embeddable SVG or image, Users may save their work for later use or share their work with other users in real time
- Used Laravel 5 framework for the backend and D3.js library to support the browser functionality.

GITHUB: <https://github.com/Snedden/capstone>

### Web application for turn-based online game

- Created a web game using PHP, MySQL, JavaScript, SVG
- Used REST to communicate between web layers and transfer state between players.
- Implemented web security measures against SQL injections, XSS, used segregated web layers.
- Features like challenge, chat lobby, private chat etc.

GITHUB : <https://github.com/Snedden/webGame>

### Extra-curricular activities

- Like sports, love to play volley-ball and ping pong.
- I love music, like playing the guitar.