

Snedden Gonsalves

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OBJECTIVE

Self-motivated web developer graduate with 2+ years of professional experience looking to grow in the field of web technologies such as front-end/back end development, UI, cloud computing.

EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY - Rochester, NY

August 2013 – Jan 2017

Masters in Information Science and Technology (MS IST)
G.P.A 3.5

WORK EXPERIENCE

THOMSON REUTERS, ROCHESTER NY

September 2016-Current

Role: Software Engineer

- Worked on development of a several projects relating to editorial tools on the web platform.
- Development closely followed agile model for on-demand development.
- Employed test driven development and worked closely with Quality assurance team members.
- Worked on array of technologies ranging from Java EE to front frameworks such as bootstrap, Angular 2 etc.

CYPHERWORX, FAIRPORT, ROCHESTER-NY

January 2016 to May 2016

Role: Web developer Co-op

- Developed features for the company's web application which used Drupal - a CMS.
- Helped integrate big blue button -an external module for online meetings into company's web application.
- Developed functionalities in PHP and JavaScript adhering to Drupal's conventions.
- Reviewed and debugged peer code, also fixed legacy code to incorporate more modern trends.

PAYCHEX, WEBSTER, ROCHESTER-NY

January 2015 to May 2015

Role: Change, Build & Release Management Co-op

- Worked on service management software – ServiceNow.
- Solved incidents and application requests on daily basis.
- Actively involved in regular team scrums and gave productive feedback.

ROCHESTER INSTITUTE OF TECHNOLOGY, ROCHESTER, NY

August 2014 to January 2015

Role: Research Assistant

- Researched strategies/ models to develop a model to tackle the shortage of professional Doctors in Rwanda.
- Interviewed Doctors in Rwanda asking on user assessment question.
- Helped in the planning the process for development and designing the prototype.

SOFTWAPS TECHNOLOGIES - MUMBAI, MAHARASHTRA

January 2012 to July 2013

Role: ASP.Net Developer

- Developed various user entry forms in Visual studio development environment using C# as programming language.
- Utilized crystal reports plugin in visual studio to display data in apt format.

Rochester Institute of Technology, Rochester, NY

Role: Student Manager

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

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PROJECTS

Data visualization web app (Capstone Project)

- A web application where users can create highly customizable graphs and data visuals
- User can use input data format in JSON or CSV and export graphs in embeddable SVG or image
- Users can 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 library in the client side.

URL: <http://www.snedz.com/projectFirst/public/login> GIT: <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.

URL: <http://www.snedz.com/webGame/> GIT : <https://github.com/Snedden/webGame>

Pet Finder Web Application

- Created a web application which utilizes pet finder API to search for adoptable pets in near-by area.
- Used vanilla JavaScript with no external libraries as a requirement.

URL: <http://www.snedz.com/project%20one/pets.html> GIT : <https://github.com/Snedden/pets.git>

SKILLS

- **Programming Languages:** Java, C#, C++.
- **Scripting languages:** PHP, JavaScript, AS3, R, Python.
- **Web:** HTML5 /DOM/ CSS4 /SVG, XML/Schema/DTD, JQuery, Angular 2, Bootstrap, D3.js, Drupal, Laravel, KnockOut.js, REST services.
- **Database:** MySQL, Mongo DB.
- **Designing tools:** Photoshop, illustrator, Flash.
- **Web Architecture:** Windows server, IIS, ASP.
- **Version Control:** GIT.
- **Analytical:** Weka, RStudio, Tableau, Scikit-Learn Library.
- **Cloud based:** AWS EC2, S3, Elastic load balancing.

Extra-curricular activities

- Like sports, achieved accolades in volley-ball, ping pong.
- I love music, am in the university choir, like playing the guitar.

My personal website: www.snedz.com