
Software Engineer

OBJECTIVE

To further my career as a Software Engineer with a diverse background in development.

EDUCATION

Clemson University

Bachelor of Science in Computer Engineering

Clemson, SC

May 2014

EXPERIENCE

Swampfox Inc.

Software Engineer

Columbia, SC

May 2014 - Present

- Develop IVR Applications for Fortune 500 Companies
- Create Database and Web Service Connectors in Java to interface with Applications
- Using PostgreSQL and Jasper Reports, design detailed reports for all Swampfox Applications
- Work in a collaborate environment with other developers using Agile Methodologies.
- Develop using Java, PHP, Python, and PostgreSQL

Sealed Air

Server and Database Team Intern

Spartanburg, SC

May 2013 – May 2014

- Worked with the IS team creating scripts and programs to make Windows and *Nix environments and administration run more smoothly for Sealed Air Admins and GTFL Team.
- Ported and streamlined code in Perl, Ruby, and other scripting languages to a more cohesive streamlined project in Python

SELECTED PROJECTS

Like for Like IVR

Q1 2016 – July 2016

Created an IVR for Avaya Experience Portal to emulate a non-functioning Microsoft Speech Server IVR

- Designed IVR using Java and Orchestration Designer
- Examined old source code, documentation, and Audio files to recreate a previous IVR
- Designed reporting, logging, debugging to be improved, while keeping user experience the same

Web service and Database Connectors

Q1 2015 – Present

- Designed using Java, PostgreSQL, and PHP
- Consume SOAP/JSON to communicate with various IVRs and products

Reporting for all Applications

Q3 2014 - Present

Lead all current report design and generation

- Involved in projects requiring custom reporting to ensure logging is stored for reporting requested.
- Developed in Jasper Reports markup language and PostgreSQL

IVR for Outbound Campaign

Q2 2015

Created an Emergency Notification System that would call users with additional information

- Designed IVR using Java and Orchestration Designer
- Ability for on the fly configuration and prompt loading

SKILLS

Languages and syntax:

Python (4 years experience)
C (6 years experience)
Java (4 years experience)
JavaScript (2 years experience)
PHP (2 years experience)
HTML/CSS (2 Years experience)

Prior Experience:

SOAP/Restful Webservices
Spring
Ruby
Perl
PostgreSQL
JasperReports JRXML