
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

Georgia Institute of Technology

Master of Science in Computer Science

Online Campus

Anticipated May 2018

EXPERIENCE

Swampfox Inc.

Senior Software Developer

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 and improved old source code, documentation, and Audio files to recreate a previous IVR

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 – Q4 2016

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

Q3 2016 - Q1 2017

Created a Payment/Appointment Notification System that would call users with additional information

- Ability for on the fly configuration and prompt loading

SKILLS

Languages and syntax:

Python (4 years experience)
C (6 years experience)
Java (5 years experience)
JavaScript (2 years experience)
PHP (2 years experience)
HTML/CSS (2 Years experience)

Prior Experience:

SOAP/REST Webservices
Spring
Ruby
Perl
PostgresSQL
JasperReports JRXML