

# David Jesse Moody III

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## 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 generated reports for all Swampfox Applications
- Work in a collaborate environment with other developers and companies 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 better 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
- Gave presentations to members of the Server team on how Python could be used to aid some of their scripting needs.

### PROJECTS

**Reporting for all Applications**

**Q3 2014 – Present**

*Lead all current report design and generation*

- Involved in all projects requiring reporting to ensure necessary logging is stored for information needed
- 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

**Web service and Database Connector**

**Q1 2015 – Q2 2015**

*Created a connector to allow an application to check the area a caller is reporting a problem has an outage*

- Designed using Java, PostgreSQL, and PHP
- Used Object Oriented practices to connect to a SOAP webservice and return a class of information.

### SKILLS

**Languages and syntax:**

C (5 years experience)

Java (3 years experience)

C++ (1 year experience)

PHP (2 years experience)

Matlab (3 years experience)

PostgreSQL (1 year experience, 3 with SQL)

JavaScript (1 year experience)

Python 2.7 and 3 (2 years experience)

Ruby (1 year experience)

HTML and markup languages (2 years experience)

Prolog, Clips, and OCAML (prior experience)

Perl (prior experience)