**DENORRO STALLWORTH**

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**SUMMARY**

A results-driven, customer-focused, articulate and analytical software developer who can think “out of the box”. Strong written and verbal communication skills, as well as design and integration problem solving skills. Knowledgeable in a variety of software development technologies. Skilled in developing requirement specifications and user documentation.

**EDUCATION**

The University of Alabama at Birmingham, B.S. in Electrical Engineering

**SKILLS/EXPERIENCE**

C/C++, Java, J2EE/JEE, JSP, Servlets, Spring, JPA/Hibernate, C#, ASP.NET MVC, HTML5, CSS, PHP, JavaScript, jQuery, Ajax, Ruby on Rails, Android, Oracle PL/SQL, MySQL, VB.Net, VB6, Bootstrap, XML, JSON, Web Services, Angular.js, Visual Studio, Eclipse, Android Studio, SQL Developer, SQL Server, Android SDK, WordPress, Tibco BW, Git, SVN, Jenkins, Agile Methodology, Mercurial

**WORK EXPERIENCE**

**Stanfield Systems, Montgomery, AL 2016 – Present**

**CAS Java Developer**

* Develop **Spring** MVC web application for United States Air Force to keep up with inventory
* Implement application’s front end views using **HTML5**, **Javascript**, and **Angular.js**
* Implement back-end functionalities with using **SQL** and **Hibernate**
* Maintain assigned tasks using Jira
* Use Mercurial for version control

**Infinity Property and Casualty Corporation, Birmingham, AL 2013 – 2016**

**Software Developer**

* Developed applications that run daily that generate numerous files to be sent to internal and third parties
* Developed front-end and backend of web applications using **Java**, **JSP**, **Servlets**, **JDBC**, **HTML**/**CSS**, and **JavaScript**
* Developed applications using **Tibco Business Works** to automate processes that need to be done daily to decrease the daily manual workload.
* Maintained legacy VB6 applications that handle processes that deal with printing forms, sending data to third party vendors, and update data

**ITT Educational Services, Birmingham, AL 2015 – 2016**

**Adjunct Instructor**

* Instruct students on the basics of programming.
* Teach students C++, Java, Android, SQL.
* Consult students on what they can expect in the tech industry pertaining to job search, interviews, workplace environments, and the industry’s most popular technologies.

**Software Programming Tutor 2014 – Present**

* Tutor students from numerous schools around the Birmingham metro area such as UAB, Jeff State, and some online universities in software programming. The programming languages include **Java**, C++, and C#, HTML5, CSS, PHP, and Javascript.

**RECENT PROJECTS**

**Project 5: United States Air Force Combat Ammunition Software (CAS)**

Role: Single page web application that kept inventory for USAF. This application was implemented using Angular.js, **Java**, **Hibernate,** and **SQL**. My role dealt with front-end and back-end duties, as well as documentation. This role called to help other team members about certain technologies that they may not have been familiar with, so a lot of communication was essential.

**Project 4: Production to Test Data Transfer Java Web Application**

Role: This was a **Java** web application and it was created to allow the QA department to copy data from production to test for testing purposes. QA would first search for records that fit a certain criteria and get the policy number of those records. Using that policy number, the data would be would be queried and the data pertaining to that policy number would be copied from the production database tables onto the test database tables. Designed the entire application, front-end and backend. The front end was implemented using **HTML5**, CSS, Javascript, and JSP. The backend was implemented using servlets, JDBC, and **PL/SQL** with an Oracle database.

**Project 3: DMV Reporting Java Web Application**

Role: This **Java** web application was created to enhance the ability for the customer service department to send policy information to the DMV. Originally, customer service had to manually enter all the information through an old VB6 application. This application would look up the information by policy number and automatically.

**Project 2: Tibco Business Works Application**

Role: Built an application using Tibco Business Works that would query our database tables daily for VIN numbers recently uploaded by our customer service department and check to see if that VIN number was the correct format. If that VIN wasn’t correct it would automatically generate an email listing all the incorrect VIN numbers and send them back to customer service department asking them to verify the VIN numbers. This application would run daily on a batch server.

**Project 1: Maintained Legacy VB6 Application**

Role: The application was designed to send information to the California DMV. It was a lot of information, therefore, it would take days to run and certain things had to be done manually so someone would have to attend the application while it was running. Upgraded the application where it only took a day to run by optimizing its **SQL** queries.

**SCHOOL DESIGN WORK:**

**Project: Autonomous Robotic Vehicle**

Role: Wrote multiple software programs for the electronic sensors used on the autonomous robotic vehicle. The types of sensors included in the project were infrared distance sensors, ultrasonic sensors, color sensors, and potentiometers. The software was written in C and C++ using Atmel Studio IDE. The sensors allowed the robot to detect color and objects in its path.

Role: Designed the power distribution system for an autonomous robotic vehicle. The system was designed so that each electrical component of the vehicle would receive its need amount of power from vehicle power source. The power system provided power to multiple motors, electronic sensors, and microprocessors.