SRAVAN SAI KRISHNA TUMMALA

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Summary

- Exceptionally focused and reliable **entry level java developer** with an outstanding work ethic and computer language knowledge base.
- Adept at explaining complex computer development concepts and processes to a variety of professional and lay audiences in a clear and accessible manner.
- Able to work well independently or as part of a professional computer program development team.
- Willing to **relocate** anywhere.
- **Authorized to work** in the US for any employer.
- Extensive familiarity with **PL/SQL Oracle** and **MySQL** database management.
- Exceptional abilities in using source code analysis tools automated build process and **unit testing.**
- Good oral and written communication abilities
- Knowledge in **.Net, Visual Basic.**
- Advanced Knowledge in **C and C++.**
- Good problem-solving skills.
- Design patterns and data structures.
- Solid DBMS / SQL Skills/NoSQL.
- Command on **selenium** web driver, IDE, TestNG.
- Good ability to code in java.
- Knowledge in using **Spring, Hibernate, Junit.**
- Good knowledge in testing the applications using selenium.
- Good presentation skills.
- Excellent analytical, written and oral communication skills.
- Strong problem-solving skills.
- String software development skills.

Education

- **Master's Degree** in Computer science and Information Technology.
- Sacred Heart University - Fairfield, CT. (May 2017)
- G.P.A: **3.52** out of 4.0

Skills

UI technologies	HTML, CSS, JavaScript, J Query, Bootstrap.
Programming languages	JAVA, J2EE, C language, C++, Data Structures, Visual Basic.
Frameworks	Spring, hibernate, .NET.
Java technologies	JSP, JDBC, Servlets, JNDI, JSTL, Custom tags, Junit testing, Design Patterns.
Database	Oracle 10g,11g, MySQL, NoSQL.
Query languages	SQL, PL/SQL.
Testing tools	Selenium web driver, TestNG.
IDE	Eclipse, NetBeans, SQL CLI.

Academic Project

Title: Career Guidance Software,   Jan 2017 – Mar 2017.
Role: Java full stack developer.

Description

The goal of the career guidance software is to create necessary options to the students. Students often get confuse to choose their path, to help them to move further this career guidance system helps a lot. After completing the studies, we will create a necessary option such as selecting the course, applying for course and choosing the path you are interested in. After choosing a career, the next hurdle is choosing an institute. The system will leverage students who use the system to reach institute and will publish personal experiences and reviews. Articles from counsellors will provide the necessary information about institutes to choose their career.

Roles and Responsibilities

- Involved in development of all phases of the project.
- Developed data flow diagrams and UML diagrams based on requirements.
- Developed Entity Relationship Diagram using normalization principles and implemented it in database.
- Used J2EE technology as the main programming language to create and develop the web based application.
- Developed web application using Spring, and hibernate frameworks to enhance the performance of project results, that is generating colleges/schools based on student's profile.
- Generated user-friendly User Interface using HTML, CSS, Java Script, J Query and Bootstrap 3.x.
- Wrote SQL queries to insert, update, delete, create user data and to store data to database.
- Implemented Spring JNDI to generate connection pooling, to enhance the connection performance.
- Used Java Script for front-end validations and hibernate-validator for back end validations.
- Followed Spring MVC architecture in developing the project implementations.
- Implemented authentication and authorization using Spring Security.
- Used Maven as build tool and to manage dependencies.
- Made use of Eclipse IDE to develop java code.
- Saved user data to oracle database using hibernate ORM tool.
- Implemented Junit testing to test the developed code.
- Deployed application in Apache Tomcat 8.

Environment

Java (JDK 1.8), J2EE, HTML, CSS, Java Script, J Query, Bootstrap, SQL, Oracle 10g, Spring framework, Hibernate, Spring MVC, Spring JDBC, Spring JNDI, Spring security, Spring DAO, Spring AOP, Spring validation, Dependency Injection in spring, hibernate ORM tool, Eclipse, Maven, Apache Tomcat 8, windows 10.