REDDY JYOSHNA GURRALA

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TECHNICAL SKILLS:

Programming Languages	**:** Java, C#, Python, C
Database Technologies	**:** MySQL, PLSQL, Oracle, Microsoft SQL server, MongoDB
Web Technologies	**:** JavaScript, TypeScript, jQuery, Ajax, JSON, JSF, JSP, Servlets, JAX-RS, Node.js, REST, SOAP, XHTML, XML, LINQ, ES6, AWS
Frameworks & Tools	**:** Angular, Spring Core, Spring MVC, Spring Boot, Microservices, Hibernate, ASP.NET MVC, Bootstrap, Entity Framework, Visual Studio, SSMS, Git
App Server	**:** Glassfish, Tomcat, Apache
Architecture & Methodologies	**:** Agile, SCRUM

EDUCATION:

Master of Science in Information Systems   **August 2017-May 2019**
University of Houston - Clear Lake, Houston TX   **GPA 3.7/4.0**
Bachelor of Technology in Electrical and Electronics Engineering   **August 2012-May 2016**
Madanapalle Institute of Technology and Sciences**,** Andhra Pradesh, India   **GPA 3.5/4.0**

PROFESSIONAL EXPERIENCE:

Software Developer, Talentum-Group, Houston, TX   **August 2019 – Present**
- Collaborated with project managers and engineers to build client specific solutions that are delivered on-time and provided post-implementation support.
- Used JavaScript for client-side UI validations and wrote numerous Unit and API Tests.
- Assisted with the collaboration of solutions that will streamline the data migration processes using SQLServer.

Graduate Teaching Assistant, University of Houston - Clear Lake, Houston TX   **January 2019 - May 2019**
   Project: A Web Application to Connect Friends
- Designed and implemented overall architecture of application using Spring MVC and Java.
- Created and executed test cases in JUnit for unit testing of application.
- Wrote JSP and Servlets to add functionality to web application based on the application requirements.
- Utilized frameworks such as Hibernate and Spring MVC for persistence and application layers.

   Technologies used: XHTML, CSS3, JavaScript, ES6, Bootstrap, jQuery, Java, Spring MVC, Hibernate, XML, SQL Server

Software Engineer, Tech Mahindra private Limited, Bengaluru, India   **August 2016-June 2017**
- Involved in designing and coding of the application using Java and **Spring MVC** features.
- Involved in unit testing and fixing the bugs in the existing application.
- Developed data access layer, which are java classes to encapsulate all database specific calls using **JDBC**.
- Developed annotated classes for the tables as per the database design and performing CRUD operations in the backend.
- Championed in all phases of Software Development Life Cycle with expertise in Java programming.
- Main services are done using **Java, Spring and REST Web Services** and data is stored in **SQL** database.

   Technologies used: XHTML, CSS, JavaScript, jQuery, JSON, Java, Spring, Spring MVC, Rest, Git

ACADEMIC PROJECTS:

Project: Travel Advisor: **September 2018 - November 2018**
A travel-based website which recommends tourist places according to user profile, provides review and feedback about the tourist places, maintains user travel history and answer questions related to their destination places.
- Developed a role-based application with Admin and regular users.
- Provided security to admin access using Spring Security.
- Developed UIs with JSP, JavaScript, HTML5 and CSS3.
- All functionalities are implemented using Java/J2EE technologies.
- Wrote SQL queries to retrieve data from the database using JDBC.

 Project: Budget Calculation   **December 2018**
- Developed and implemented all functionalities in the application using JavaScript.
- Used Ionic framework and google fonts for styling the application.
- This application gives a clear view of our monthly finances and helps us to find places to change our next expenses to make most out of income.
   GitHub Link: https://grjyoshna.github.io/CheckYourBudget/

CERTIFICATIONS:
- **Oracle Database 11g:** Program with PL/SQL
- **Microsoft:** Developing ASP.NET MVC Web Applications

PROFESSIONAL DEVELOPMENT AND ACHIEVEMENTS:
- Received 'Academic Excellence' award for course work studies at Under graduate level from Madanapalle Institute of Technology and Science.
- Received 'Tutor of the Month' award from Math Center at University of Houston - Clear Lake.
- Team Leader for Projects in Master's and Bachelor's degree.