**TULASI .P**

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Computer programmer with experience in a broad range of Java technologies since 2013. Key skills include ability to design and implement practical systems, and to communicate technical information to peers and non-technical with individuals.

**Summary:**

* 3+ years of experience in design and development on 3-tier based applications
* Having experience in developing Web Applications using technologies JAVA / J2EE
* Hands on experience in Core Java, JDBC, JSP, SQL, HTML and JavaScript
* Knowledge of Eclipse tool for the development of Java projects
* Hands on experience in Java FX
* Experience in version control using GitHub
* Good Team player and also have ability to work independently
* Adaptive to learn new technologies
* Experience in Health Care and Retail domain

**Technical Skills:**

Languages : Java, J2EE (JDBC, JSP and Servlets), Java script, SQL

Java : OOPS concepts, J2SE including Collections

Rich Client :  Java FX

Tools :  Eclipse, Apache

Database: : SQL Server

Operating System : Windows

**PROFESSIONAL EXPERIENCE**

* Working as a Java Software Engineer for Panel Coder Software Pvt. Ltd. Bangalore from March 2013 to till date.

**PROJECTS HANDLED**

**PROJECT: #1**

Title : Clinical Informatics

Duration : March 2014 to Present

Operating System : Windows

Technologies : Java, JDBC, JSP, Servlets, Javascript and SQL Server  
Role : Web Application Development

**Project Summary:**

Patient Explorer is used to register patients data, modify patient data & delete patient data. Patient

Explorer can have multiple views, we can shift from one view to another view. To register a patient :

five demographics are mandatory they,are Last name, First name,Date of birth, Age & Gender.

Once a patient is registered it will go to preregistered area,when the exam is started for particular

patient will move from pre registered to post cath area and the study state of the patient is during cath

Once the examination is completed this study will move from during cath to post cath . So, while

the examination is closing reports are generated.

**Main Features**:

* Documentation is used to document patient complete examination process.
* Reporting is a word based tool which generates reports for a patient with complete patient information which arrived from examination. The report contains patient demographics ,hospital name , billing etc.,

**Roles and Responsibilities:**

* Worked on 3 tier architecture and involved in requirement clarification and Design document
* Design webpage UI application using HTML5, Patient Explorer page is used to register patient by providing complete patient information. Added validation in Servlets using core JAVA concepts, on successful validation store the data in Database using JDBC, on failures inform user using JAVASCRIPT. Involved in design and development of Documentation and reporting modules
* Validate mandatory patient demographic data provided by the user by considering requirements mentioned in the Functional Specification document
* Connect to SQL database using JDBC and performing CRUD operations. Handled error scenarios which are due to server unavailability, Primary key violation
* Involved in bug fixes in every iteration and integration releases
* I do not compromise on quality, if the issue mandates update requirement by convincing System Engineer and other stakeholders also update the design, coding and unit testing using JUnit
* Review the peers code in GitHub and finding the early defects in development stage
* Raising the defects while testing my responsible compoment or feature or functionality
* Conducting code review meetings with peers, explain complete coding and get the feedback from the peers ready to accept any defects in the coding and design

**PROJECT: #2**

Title : Sales Order Management(SOM)

Duration : March 2013 to February 2014

Operating System : Windows

Technologies :  J2EE, HTML and JDBC  
Role :  Application Development

**Project Summary:**

CRM stands for Customer Relationship Management ,this is a general term used in business which includes all aspects of managing relationship with the customer . It also includes customer, business customers, sales , leads and also it mainly includes inventory management(quotation, purchase order, sales order and invoice) is also a webpage application which is used to track all customer relared data.

* Design web application using HTML based on the requirements gathered from customer
* Leads module designing includes storing and retrieving of data from database using JDBC, handling of exception scenarios
* Involved in inventory modules like Quotation, Purchase order, Sales order and Invoice using CORE JAVA, Collections, Strings, Exceptions etc…
* Write SQL queries including CRUD operations, also involved in writing stored procedures
* Estimation in development of various modules
* Bug fixing and maintenance of the project
* Co-ordinating with other teams working on the same project
* Ensuring the smooth delivery of the project

**EDUCATIONAL QUALIFICATION**

Master of Technology in Computer Science Engineering (M. Tech) in the year 2011 from Jawaharlal Nehru Technological University.