**Nina Patel**

**SUMMARY**

* 7+ years of IT experience in Analysis, Design, Development, Implementation and Testing of Web Based, Client-Server and N-tier Architectures.
* Experience in developing Web-Centric applications using **AngularJS, BackboneJS,NodeJS**, JavaScript**, JQuery**, CSS3.
* Experience in building Single Page Application (**SPA**) using Angular JS framework.
* Developing **Prototype** for the project using **AJAX**, **Hardcoded JSON**, **JQuery, AngularJS**, JavaScript, HTML, and CSS.
* Expertise in creating web based application using technologies like Classic Java, **AJAX** Toolkit, JAVA Script, XML, HTML and DHTML
* Built Web pages that are more user-interactive using **JQuery plugins** for Drag and Drop, Auto Complete, JSON, **AngularJS**, **Javascript** and Bootstrap.
* Hands on experience in design using Object Oriented Programming Principles like Inheritance, Polymorphism and Design patterns like MVVM, Abstract factory, Singleton.
* Experience in data object models like Language-Integrated Query (**LINQ**) and Entity Data frame work to retrieve and modify data and developed entity data frame work services.
* Experienced in Service Oriented Architecture [**SOA**] using Windows communication foundation.
* Experience in database related work primarily creating complex stored procedure, **DTS packages**, Views, Triggers, Functions, using PL/SQL, T-SQL.
* Experience in creating and scheduling the SQL Server agent jobs to pull the data from different data sources using SSIS packages and link servers.
* Extensive experience in continuous Integration tools like Jenkins. Configured Jenkins to automate build process connecting to SVN, TFS, **Git**, used **MSBuild**, Ant, Puppet scripts for deployments.
* Experience in authentication mechanisms like windows live, **STS**, Windows-based Authentication, Forms-based Authentication and also in Authorizing Users and Roles.
* Very good experience with Reporting Tools SQL Server Reporting Services (**SSRS**).
* Experience in deploying, configuring and maintaining the web sites and services on IIS 7.0 with and without secured socket layer.
* Good analytical and communication skills and ability to work independently with minimal supervision and also perform as part of a team.

**Technical Experience:**

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| **Languages** | **Java, JScript, XML, SQL, T-SQL, PL/SQL** |
| **Database** | **MS SQL Server 2000/2005/2008, and Oracle 10g** |
| **Reporting Tools** | **MS SQL Server 2008 Reporting Services, Crystal Reports** |
| **Methodology** | **Agile, SCRUM** |
| **Front End UI** | **HTML 5, CSS3, JavaScript**, **JQuery, AngularJS. AJAX, JSON, Photoshop** |
| **Scripting Languages** | **JQUERY, JavaScript, T-SQL** |
| **Protocols** | **TCP/IP, FTP, HTTP, SOAP** |
| **Operating System** | **Windows Vista/XP/2008/2005/2000/NT/98/95, UNIX** |

**EDUCATION:-**

* Masters in Computer Engineering, Michigan
* Bachelors in Computer Engineering,India

**CERTIFICATION:**

* Sun Certified Web Components Developer
* Microsoft Certified Technology Specialist

**PROFESSIONAL EXPERIENCE**

**Project Assignment:**

**Trinity Health, Novi, MI Jan 2015 to Aug 2016**

**Role : Front End UI Developer**

Project: Orbit Health Management System

OHMS is a product initiation of a Silverlight enabled rich internet web application for integrating the activities of health systems to ensure proper transactions

of every appointment of the patient with doctor. Core functionality of the system would be to incorporate practice management, Claim Management,

document Management and billing.

**Responsibilities:**

* Designed, developed, maintainained Application using Java, Javascript, JQuery, Angular JS, HTML5, CSS3.
* Involved in User Interface (**UI**) and User Experience (**UX**) design using **HTML 5, XHTML, CSS3,and JavaScript** and used Table less Design in **CSS for positioning.**
* Redesigned application using **spring, JQuery** which resulted in 30% decrease in response time, and 25% less code.
* Used **Maven**Tools to run automated test, integration tests, store the build package to a commonly accessible repository, update versions of various modules.
* Developed responsive designs using **HTML5** and **CSS3** for hand held devices.
* Developed code for table less web interfaces **using XHTML, CSS, DOM and JavaScript.**
* Involved in **VIEW and CONTOLLER** section of **MVC** pattern for CMS project, it includes **HTML5**, **CSS3**, **JavaScript**, **JQuery** and **AJAX** which were used for **UI development**.
* Created interface to manage user menu and Bulk update of Attributes using **Angular.js,Backbone.js**, **Bootstrap.js**, **Node.js**and **JQuery**.
* Designed data formatted web applications using **HTML, DHTML, XHTML** and **CSS** and deploy the script by client side scripting using **JavaScript**.
* Developed **Chrome Apps** using **HTML5**, **CSS** and JavaScript to extend the development capability.
* Implemented latest **HTML5** and **CSS3** features like creating various effects, shading, 2D 3D animation, Shapes, Handling multimedia files and many others.
* Responsible for designing Front-side of the website like embedded graphics, and interactive documents using **JavaScript, XML, HTML and CSS**.
* Used CSS Sprites to decrease the number of HTTP requests and load time of web pages.
* Designed dynamic client-side **JavaScript** codes to build web forms and simulate process for web application, page navigation and form validation.
* Created **Images, Logos** and **Icons** for web pages using **Dreamweaver.**
* Created web services and desktop applications to access and display data needed by support teams using, **Ajax**, **JavaScript**, **JQuery**, **Backbone.js, Angular. Js,Node.js,** CSS, HTML and **JQuery,**Gulp,Grunt,**.**
* Maintained Cross Browser compatibility & implement **Responsive Design** using **Twitter Bootstrap**
* Created dynamic **HTML5** pages with **JavaScript** and **CSS3** for their Intranet software product.
* ECMAScript 6 use to support across browsers.
* Developed page **layouts**, **Navigations** and **presented designs** and concepts to client for review.
* Created and tested scripts using **JQuery** on various browsers **Chrome**, **Firefox**, **Opera**, **Safari**, **IE**, etc.
* Extensive experience in continuous Integration tools like Jenkins. Configured Jenkins to automate build process connecting to **SVN**, TFS, **Git**, used MSBuild, Ant, Puppet scripts for deployments.
* Developed presentation and UI components using Struts frame work, **JSP**, **Struts Tag Library,AJAX**, **XML**, **HTML**, **CSS**, **Custom Tag** and **JavaScript**.
* Worked with architects & Developers to enhance application functionality and add new features.

**Environment:** JavaScript,HTML 5, CSS3, JSP, XHTML, DHTML, XML, DOM, , Ajax, Gulp,Grunt,JQuery, Eclipse,Dreamweave,Angular.js, backbone.js, , node.js,

Bootstrap,.

**Project Assignment:**

**A.J. Boggs & Company, Inc. - Lansing, MI Dec 2012 to Sep 2014**

**Role : Front End UI Developer**

Project: Web application to visualize Enterprise Architectures. Contributed mainly on Front-End with Javascript functionalities, main diagram, built webpage according to design, and some Back-End APIs.

**Responsibilities:**

* Developing the Dashboard for overall portfolios in AOSCommand Central Reports section.
* Analysis and understanding of business requirements and implement the process using Agile (Scrum) methodology.
* The Dashboard section allows the user to configure which graphs are most applicable to them, and display them conveniently on a single page, with the layout remembered between visits.
* Developed the charts for individual portfolio using Highcharts API, AngularJS, HTML 5, CSS3 and Bootstrap CSS.
* Charts were developed based on data coming from JIRA and Radar.
* Expertise in AngularJS controllers, directives, factory and service resources, routings and events.
* Expertise in High Charts and customizing high charts.
* Designed data formatted web applications using HTML5 and CSS3 and deploy the script by client side scripting using AngularJs.
* Implemented latest HTML5 and CSS3 features like creating various effects, shading, 2D 3D animation, Shapes.
* Worked on different data formats like Object, JSON and different JSON Media types.
* Maven is used as a build tool.
* Using NPM, Grunt and Bower for Package Management.
* Used Gulp build tool and GIT for managing the source code.
* Code is segmented into two primary components. The UI is responsible for interactions with the user and data formatting and presentation, while the other component is responsible for interacting with the various back-end systems that provide raw data (EPIC, Hubble, etc.)
* Involved in daily scrum standalone meetings and providing the updates on progress.

**Environment: CSS3**, JSP, XHTML, DHTML, XML, DOM, Ajax, Gulp,Grunt,JQuery, **Angular.js, backbone.js, node.js, Bootstrap**, Linux, and Windows.

**Client: Mindray USA, Mahwah, NJ Oct 11 - Jun ‘12**

**Project: Endeavour Project**

**Role: Front End Developer**

Endeavour Project is a software for the company’s V-series product. My job was to design and develop features and functionality of this software for the company product using technologies of

Microsoft like Windows Presentation Foundation and SQL server . The project is a patient monitoring system software that is used to measure patient’s ECG, Blood pressure, SPO2, Temperature,

CO2, etc. V-series are of two types the V12 and the V21 patient monitor. This project is developed using Agile methodology.

**Responsibilities:**

* Good experience working with **Bootstrap and LESS**
* Developed Use Case Diagrams, Sequence Diagrams and Class Diagrams using Rational Rose.
* Extensively used JSP, JavaScript, HTML5 and CSS3 for designing and formatting the user Interface.
* Designed and developed presentation layer using Spring MVC Framework.
* Used Spring Transactions in the application and developed Session beans for the business logic at the middle tier level.
* Used Spring Framework for Dependency Injection and integrated with Hibernate DAOs.
* Used different Spring components like Spring MVC to manage business layer.
* Used various built-in controllers (abstract, simple form) of Spring MVC.
* Declared Beans by using Dispatcher Servlet-XML of Spring MVC.
* Used DWR for dynamic display of data in JSP.
* Used Hibernate framework in persistence layer for mapping an object-oriented domain model to a relational database SQL Server.
* Used Web services - WSDL and SOAP for getting credit card information from third party.
* Involved in designing data schema and development of SOAP web services with Axis implementation.
* Used JUnit framework for Unit testing of the application.
* Maven is used as a build tool.
* Involved in creating, publishing and consuming Web Services using JAX-WS 2.0 API and other technologies like WSDL, UDDI and SOAP 1.2. Worked on PL/SQL and created views, triggers, functions and stored procedures where ever necessary to improve the performanc in My SQL database.
* Created complex SQL queries and used Hibernate connectivity to access the database.

**Environment:** Java 5, Spring MVC, JSP, DWR, Hibernate, Web logic Application Server, Spring DI, Java Script, Apache Tomcat, SVN, Eclipse IDE, Soap, DWR, Spring

**Project Assignment:**

**Volvo Group/MAC Trucks, Greensboro, NC July 2010 to Feb 2011**

**Front End UI Developer**

As part of Volvo transportation, implemented dashboard for scheduled truck maintenance, repairs and parts tracking for shop floor. A separate implementation of the dashboard was designed for clinets and product owners.

**Responsibilities:**

• Responsible for development of Membership module.

• Developed core Java Server Pages (JSP) for Bidding.

• Developed web applications using core Java, EJB, JDBC, Struts, Spring, Hibernate, and XML.

• Developed and Implemented Servlets and Java Beans as per the requirements.

• Java multi-threading in common java classes / library.

• Used JDBC to invoke Stored Procedures and also used and JDBC for database connectivity toSQL.

• Used multi-threading in back end java beans.

• Used the Struts validation and Struts Tiles Framework in the presentation layer.

• Developed user interface using JSP, JSP Tag libraries and Struts Tag Libraries to simplify the complexities of the application.

• Involved in the configuration of Struts and Hibernate into a Spring application and used Spring's DAO support to build Hibernate DAO classes.

• Used Hibernate in data access layer to access and update information in the database.

• Performed unit testing using JUNIT framework and used Struts Test Cases for testing Action Classes.

• Involved in Testing of developed Servlets, JSP.

• Developed and modified triggers, packages, functions and stored procedures for data conversions and PL/SQL procedures to create database objects dynamically based on user inputs.

• Wrote SQL, PL/SQL, SQL\*Plus programs required to retrieve data using cursors and exception handling.

• Designed Data Modeling, Design Specifications and to analyze Dependencies.

• Creating indexes on tables to improve the performance by eliminating the full table scans and views for hiding the actual tables and to eliminate the complexity of the large queries.

• Client side validations using java script.

**Environment:** Core Java, Multithreading, Apache Tomcat Server, GWT, Windows, Java Beans, JSP, SQL, PL/SQL, Oracle, JBuilder.

**Reliance Ltd, India Aug ‘05 to Aug ‘07**

**Role : Programmer Analyst**

**Project: Software Management**

Inventory Management is an application to produce a customized reports, provides detailed information about accounting software of the portfolio performance at the fund level like voucher entry, cash book, purchase registry, sales register, stock summary by item, P/L account, balance sheet. It provides to Client the UI interface to create a customized PDF report for the fund managers to review the performance. Customized Crystal report contains data in tabular format, Pie and graphics charts.

**Responsibilities:**

* Analyzed requirements and prepared Implementation Specification document.
* Designed Class and Sequence diagrams on UML concepts using Rational Rose.
* Implemented JMS for sending XML file notification.
* Implemented MDB for consuming and processing XML files.
* Developed code for XML parsing using SAX and DOM.
* Created Test Scripts and Test Scenarios for NW3NTF sub system in Stefa.
* Used JTest for JUnit testing and Code coverage.
* Used Clear Case for version control.

**Environment**: Swings, Servlets, Java, EJB, JMS, MDB, WSAD, SAX, DOM, JDBC, Clear Case, Websphere Application Server, Oracle.