Name: Gaurav Roy   Mobile: 8163138498   Email: gaurav521797@gmail.com

Professional Overview:

- Over 8 years of extensive experience as a Front End UI Developer with solid understanding of database designing, development and installation of different modules.
- Professional understanding of System development life cycle (**SDLC**) as well as various phases such as Analysis Design, Development and Testing.
- Expert in developing User Interface (**UI**) applications and professional web applications using **JavaScript**, **JSP**, **XUL**, **HTML5 /DHTML**, **DOM**, **XHTML**, **jQuery**, **CSS3**, and **Ajax**.
- Experience applying the latest software development approaches including **MVC**, event - driven applications using **AJAX**, Object Oriented (**OO**) **JavaScript**, **JSON** and **XML**.
- Expert in **HTML5/CSS3** development and have experience in **Backbone.js**, **Require.js, node.js**, **angular.js**, **Ember.js**, **React.js**, **Ext.JS**, **Responsive design**.
- Experience with Java web framework technologies, such as **GWT** and **spring**.
- Exposure to data visualization technologies such as **D3.js**.
- Experienced implementing **Web Services** using Apache **SOAP, WSDL, JAX-RPC,** and **UDDI**.
- Extensive experience in developing web applications with open source frameworks like **spring, JSF, Struts.**
- Extensive experience in developing web applications with **User Experience Design** (**UX**) like Visual Design, Interactive Design and extensive Human Computer Interaction Concepts.
- Experienced in maintenance of enterprise-level applications and tools on the **ASP.NET** (**C#**)
- Experience in using **agile software methodology** (**scrum)**.
- Experience in designing UI patterns and UI applications with the help of Adobe products like Adobe Dreamweaver CS3, Adobe Photoshop, and Adobe Illustrator CS3.
- Experienced in using Front End editors like **IntelliJ**, **TextMate**, **SublimeText2** and **Microsoft Expression Web**.
- Experience in Designing and developing prototype designs into fully functional, web sites (standard, hybrid, flash and ecommerce).
- Extensive experience in creating style guides, best practices and setting UI standards for enterprise/consumer applications.
- Creative Knowledge in Art creation, modification and conversion- Logos, print media, web page and software interface design using Photoshop, Adobe Flash and Illustrator.
- Experience in **NoSql Database** like Apache and MongoDB.

- Experience in using various tools and IDEs for development and design like **Netbeans**, **Notepad+ +,** and **Adobe Photoshop**.
- Experience with client side templating like **Handlebars.js**.
- Expert in designing web applications and web contents utilizing various Search Engine Optimization (SEO) techniques.
- Experience on working with CSS Background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, CSS table, Pseudo classes, Pseudo elements and CSS behaviors in CSS.
- Strong Experience in **OO Analysis and Design**.
- Good Knowledge in using **Dojo Components** and integrating back-end applications with **AJAX** driven web 2.0 front-end using OO JavaScript framework
- Proficient in Object Oriented Design/Development (OOD), Object Oriented Analysis and Design (OOAD), Model View Control (MVC) design pattern and Test Driven Development (TDD).
- Sound knowledge in working with browsers compatibility issues with browsers like IE, Firefox, Safari, Opera, Chrome.
- Strong Experience in database design using **PL/SQL** to write **Stored Procedures**, **Functions**, **Triggers** and strong experience in writing complex queries, using **Oracle […] DB2**, **SQL Server** and **MySQL**.
- Strong experience in writing and updating the technical documents on daily basis with the changes made to the existing environment on daily basis.
- Excellent analytical, logical and programming skills, Self-Motivated, Self-Starter, and Team Player, can work with minimal supervision. Effective Communication, Organizational and Time management skills.

Technical Skills

- **Web Technologies**: # .NET, HTML/HTML5, CSS2/CSS3, DHTML, XML, XHTML, XSLT, JavaScript, AJAX, JQuery, JSON, Apache, JavaScript Libraries Ext JS 2.0/1.0, Backbone.js, Ext.js, Node.js, Require.js, angular.js.
- **IDE's and Tools:** Eclipse IDE, NetBeans, Dreamweaver, Firebug, Developer Tools, Edit Plus, JSfiddle, Webstrom, Tatastrom, Sublimetext, IntelliJ.
- **Application Servers:** ApacheTomcat, IBM Web Sphere, BEA Web Logic, JBuilder.
- **Development Tools:** Adobe Photoshop CS5, Google Ad Words, Yahoo Search Marketing (spring tool suite) Publishing Tools Adobe PageMaker, MS Office.
- **Wire Frame Tools (wire frame)**: Adobe Illustrator CS3(basic idea on wire frame and visual design) Debugging Tools Firebug, Bugzilla, (internet explorer)
- **Databases**: Oracle 8/8i/9i/10g/11g, PL/SQL(oracle), MySQL, MSSQL.
- **Version Control:** CVS, SVN, PVCS, Accurev.
- **Operating Systems**: Windows XP/Vista/7/8, MAC OS X

Web/UI Developer

ITC Infotech – San Jose, CA   **January 2016 to Present**
      ITC Infotech is a specialized global full service technology solutions provider, led by Business and Technology Consulting. The company is focused on creating value through Domain, Data, Digital, Design and Differentiated Delivery for Supply Chain based Industries (CPG, Retail, Manufacturing, Hi-Tech) and Services Industries (Banking, Financial Services and Insurance, Airline, Hospitality), as a flexible, trusted and sustainable partner. This project was done in collaboration with Hot Schedules Inc which deals with the RMPOS systems in the market.
Responsibilities:

- Analyzed business requirements, participated in technical design, development and testing of various modules assigned.
- Involved in web designing in initial stages of product development using **HTML**, **HTML5**, **CSS 2/3**, **JavaScript, Node.js** and extensively used Table-less Design in CSS for positioning.
- Developed a high level design document for the project.
- Designed **Agent** architecture of the project by including **Exception Management, Logging system, Beaconing** and also used **Cron Jobs** for Timer.
- Used **Node.js** to handle server side program in which transforming of data from Client API to the **MongoDB** database present in cloud was interchanged.
- Used **Node.js (DBF-parser)** for parsing DBF files and handled file system with ease**.**
- Developed a reusable code which will make the **connection management** between cloud platform and POS backend process for other **POS** system.
- Experience in connecting database values with JSON and create a mapping method which binds cloud platform with database.
- Developed the search engine and performance optimized file system which searches files from desired location and copy it to destination folder.
- Experience in parallel execution of **Extraction**, **Transformation** and **loading** (ETL) mechanism dealing with various files and Data.
- Experience in handling **DBF** file system.
- Extensively worked with making calls from APIs and fetch the data from the cloud platform as **JSON** response and parse it to **DBF** files.
- Experience in handling data import from **cloud API's** and push it to DBF files.
- Designed and documented **REST/HTTP** APIs, including **JSON** data formats and API versioning strategy.
- Designed the User Interface using use case diagrams, class diagrams, and sequence diagrams as a part of Design Phase using **Rational Rose**.
- Extensively worked with making calls to APIs to fetch the data from the backend as JSON response and parse it on the UI for **DOM/CSS** Manipulation.

- Co-ordinate with **QA** for testing, Production releases, Application deployment and integration.
- Provided production level code to the engineering team for product development.
- Used **node-inspector** for debugging and browser compatibility.
- Increased developer productivity by using efficient programming methodologies and local development.

Environment: Java, HTML4/5, CSS2/3, JavaScript, JQuery, JSON, angular.js, Node.js, JSP, AJAX, DBF, node-inspector, DBF-parser, ETL.

Web/UI Developer
Nexius– Allen, TX   **July 2012 to November 2015**

Delivers end to end network services, software services and business intelligence services to leading network operators and enterprise organizations.
Responsibilities:

- Involved in Requirements and Analysis Understanding the requirements of the client and the flow of the application as well as the application Framework.
- Involved in web designing using **HTML 4, HTML5**, **XHTML**, **CSS 2/3**, **JavaScript** and extensively used Table-less Design in CSS for positioning.
- Developed page layouts, Navigations and presented designs and concepts to the clients and the management review.
- Designed Frontend with in object oriented JavaScript Framework like **angular.js**, **Node.js**, **Backbone.js, Require.js** and **Ext.js**.
- Included custom event using **Ext.js** for **frontend/Desktop** application designing.
- Used **MVC/MVVM** architecture in **Ext.js** to maintain the code flow.
- Have used **AJAX** to retrieve data from server synchronously in the background without interfering with the display and existing page in an interactive way.
- Extensive experience in developing web applications with **User Experience Design** (**UX**) like Visual Design, Interactive Design and extensive Human Computer Interaction Concepts.
- Used **Wire Frame Tools** like **Adobe illustrator CS3** for basic Visual design and followed User Experience Design (**UX**) properties.
- Have used **pair programming** model for the development.
- Developed Web Services for data transfer from client to server and vice versa using **Apache Axis**, **SOAP**, **WSDL**, and **UDDI**.
- Created an internal browser based text editor using **HTML**, **CSS**, **JavaScript**, **backbone.js**.

Environment:HTML4/5, CSS2/3, JavaScript, JQuery, DHTML, MVC, DOM, JSON, angular.js, D3.js, Backbone.js, Require.js, Node.js, ASP.NET, C#.NET, AJAX, SOAP, XML, XPATH, Adobe Flash, GWT, Photoshop.

Web/UI Developer
Asentra Health – Woodbridge, CT   **December 2011 to June 2012**

Asentra is committed to providing instant healthcare and privacy solutions to its members. We partner with physicians, hospitals and other providers to ensure that each member has the right care, at the right time, in the right setting. Our plan will save you time and money and fill in the gaps in your existing healthcare coverage. Your healthcare needs do not have office hours, neither should your doctor.

Responsibilities:

- Involved in the Software Development Life Cycle phases like Requirement Analysis, Implementation and estimating the time-lines for the project.
- Developed the functionality for communicating between the modules mostly involved in VIEW and CONTOLLER section of **MVC** pattern for CMS project, it includes **HTML**, **JavaScript**, **JQuery** and **AJAX** which were used for UI development.
- Involved in developing **HTML** and **JavaScript** for client side presentation and, data validation on the client side with in the forms.
- Designed Pdf, Excel and Print previews for all the reports in the application using **HTML**, **JavaScript** and **SQL Stored Procedure**.
- Involved in developing **XML**, **HTML**, and **JavaScript** for client side presentation and, data validation on the client side with in the forms.
- Developed a core component of Analytics with **Node.js**, **Angular.JS**, **Ext.js** and **Socket Stream**.
- Used the **Node.js**, **Angular.js**, **backbone.js** and **Require.js** MVC Frameworks in the development of the web applications.
- Developed a mobile version of the application using **Ext.js.**
- Maintain Cross Browser compatibility & implement Responsive Design custom media queries, etc.
- Worked on prototypes for Responsive design.
- Created and tested scripts using JQuery on various browsers Chrome, Firefox, Opera, Safari, IE, etc.
- Designed **DOM** based interactive to reprogram selected links and adopted WCAG 2.0 standards for HTML and **XHTML** and **W3C** standards for CSS as well.
- Used **XML** Web Services using **SOAP** to transfer the amount to transfer application that is remote and global to different financial institutions.
- Implemented Data Access Layer, Business Entities, Business Logic Layer and Service Access Layer using **C#.NET, WCF** and **LINQ**.
- Involved in creating Models, View Models and DAL using Entity Framework and **C#.NET**.
- Implemented Remote Validation using unobtrusive **JavaScript** and **JSON**.

- Implemented Business Logic Layer, Data Access layer using **C#.NET**.
- Developed views using Master Pages, Partial Views, custom HTML helper and jQuery with Razor view engine.
- Optimized Application using **jQuery**, **JavaScript**, **AJAX**, **Caching** and **CSS/ JavaScript**.
- Implemented **WCF** service and developed Asynchronous call back methods in Class Library project to communicate with different layers of the solution.
- Worked on designing and coding (**WCF**) Service Contracts, Data Contracts and Operation Contracts.
- Used **LINQ** to Objects and LINQ to XML to query the data model and manipulate the data.
- Developed reports using **SSRS**. Reports were developed against a variety of data sources which included SQL Server and Analysis Services.
- Used **HTML**, **XML**, **AJAX**, **JavaScript**, **CSS** and pure CSS layouts.
- Solved the coding and technical problems during the project implementation
- Coded pages with best Search Engine Optimization (**SEO**) techniques.
- Responsible for checking cross browser compatibility and hence worked on different browsers like Safari, Internet Explorer, Mozilla Firefox and Google Chrome.

Environment: Java Script, HTML, CSS, AJAX, JQuery, High charts, DOM, DHTML, XHTML, XML, XSL, SQL Server and Windows XP.

Web/UI Developer

SoluComp, South Barrington, IL   **December 2010 to November 2011**

Responsibilities:

- Extensively involved in requirements gathering and analyzing them, checking the dependencies and design of the project.
- Designed and developed User Interface using **JSP**, **CSS**, **HTML** and **JavaScript**. Used **JavaScript DOM** manipulation and JavaScript event to generate the data result in UI.
- Designed and Developed Java Script frame work which is wrapper on top of **JQUERY** frame work and **AJAX** based UI frame work for UI Configuration widgets.
- Used **Ajax**, **OO Java Script**, **JSP**, **JQuery**, **HTML** and **CSS** to develop the application.
- Developed different **JQUERY** component in **MVC** micro architecture framework which internally use various design pattern such as singleton, command, delegate, etc.
- Involved in redesigning the entire site with **CSS** styles for consistent look and feel across all browsers and all pages.

- Designed and developed user interface using**ASP.NET** and **C#.NET**.
- Used **AJAX** frameworks like **JQuery**, **JSON** to develop rich GUIs and also involved in performance tuning the website.

- Improved outgoing quality through test and yield improvements and characterization. Also reduced costs through test time improvements.
- Wrote test plans and performed **unit testing** and **performance testing**.

Environment: Java, HTML, CSS, OO JavaScript, Ajax, JSON, JSP, JQuery, MVC, DOM, SQL, PL/ SQL, Oracle, Windows

Program Analyst
Aricent Technologies - Hyderabad, Andhra Pradesh   **July 2009 to November2010**

Responsibilities:

- Redesigned the existing site and to create new interfaces.
- Used **Dreamweaver** as Html editor for designing new pages.
- Responsible for content and UI development.
- Used **ASP.NET 2.0** and **C# Server controls**, **User Controls** and **HTML controls**.
- Developed **HTML prototypes** and ready **XHTML** documents with **CSS** style sheets.
- Designed dynamic client-side **JavaScript** codes to build web forms and simulate process for web application, page navigation and form validation.
- Worked closely with the programmers and graphic designers for project requirement and analysis.
- Produced **GUI** prototypes for business logic presentations.
- The new website has made it much easier for the users to access the page and check the required info.
- Created **Stored Procedure**, **Trigger** for database access and events.

Environment: HTML, CSS, JQuery, Adobe Photoshop, Dreamweaver, JavaScript, XML JavaScript, MySQL.