Anshuka Charkal

**UX / UI / Front End Consultant**

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Overview

* Having **2+ years** of web design and development experience.
* Excellent knowledge of **HTML 5/ HTML**, **CSS / CSS3, JavaScript**, **JQuery, Bootstrap, Angular Js, ASP.NET** and their behavior on different browsers.
* Extensive experience in developing web pages quickly, responsively and effectively using **HTML5**, **CSS3**, **Bootstrap** and experience in making web pages cross browser compatible
* In-Depth knowledge/Experiencewith **Web 2.0 and W3C Standards.**
* Having good experience with  **AngularJS, C#, ASP.NET, MVC , sql server and web services.**
* Great ability to write clear, maintainable, well-documented, well-commented and efficient code for web development.
* Experience in working with third party web services APIs and Web Services using **AJAX.**
* Strong experience on creating **Wireframes**, **Prototypes** and **mockups** development.
* Expertise in debugging, troubleshooting existing code, QA testing and cross-browser testing.

**TECHNICAL SKILLS**

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| .NET Technology | C#, ASP.NET MVC 4/5, ADO.NET. |
| Web Technology | JavaScript, jQuery, Angular JS, AJAX, CSS, HTML4/HTML5, XML, JSON, DHTML. |
| Languages | C#, C. |
| Databases | **SQL Server 2012, MySQL 4/5.** |
| Web/App Server | Web Server : IIS, APACHE |
| IDE | **MS Visual Studio.NET 2013,2015 , SQL Management 2012.** |

**PROFESSIONAL EXPERIENCE:**

**End Client : Eaton Corporation GA September 2016 - July 2017**

**Implementation Partner : Tata Consulting Service**

**Employer : Collaborate Solutions MA**

**Project #1:**

**Title :** Pattern UI Control

**Environment :**  Javascript, HTML5 canvas, Angular JS, Cincom Environment, ASP.NET MVC 4/5.

**Role : UI/UX Developer**

**Description:**

**Pattern UI Control:**

The objective of the project to create a scalable linear configurator to support the architectural business. The refined design builds upon the existing functionality to leverage the functionality directly into the hands of the agents and distributor.

**Responsibilities:**

* Worked closely with development project managers and business analyst to ensure the management of delivery risks or issues.
* Involved in cincom portal Application builder GUI design using Custom request Handler class library, building cincom models, and client side validation is done by Ajax validation extenders.
* Used the functionalities to write code in HTML5/HTML, CSS3/CSS, Angular.js, JavaScript, JQUERY, Ajax, JSON, and Bootstrap with SQL database as the backend.
* Developed server side REST style web services and called them from angular controllers.
* Involved in developing a new business application to the layout using Grid orientation model Bootstrap framework.
* Involved in end to end development to launch Customized webapplicaion in cincom environment.
* For new website features wrote Angular controllers, views, used custom directives and services.
* Coding, styling, testing of reusable JavaScript, CSS3, HTML5 widgets/ libraries for complete UI controls.
* Designed user friendly navigation for displaying various sections of data using JQuery.
* Worked closely with front end technologies specially on HTML 5 canvas.
* Understand requirements specification document and develop the prototype for feasibility study and documented the result.
* Participated in code reviews and meetings and provide updates on project progress.
* Involved in User Acceptance Testing before QA testing to overcome the defects, Re-testing end to end to ensure the defect resolutions.
* Closely worked with QA testing in both standalone version as well as in cincom environment.

**End Client: Microsoft Redmond WA September 2015- July 2016**

**Implementation Partner: Mindtree Limited**

**Employer : Collaborate Solutions**

**Project #2:**

**Title :** Microsoft MCIO **(Signal to Live Tracking, Order Preparation)**

**Environment :** Angular JS,Third Party libraries – Grid UI, Data visualisation tools, ASP.NET MVC 5.0/4.0, .NET Framework 4.0, C#, Web API, Azure portal, SDK libraries.

**Role : UI/UX Developer**

**Description:**

**STLT:** Monitoring and alerts web application which is used to identify and mitigate impactful delays. Our main goal is to track the capacity planning from demand to forecast live which emphasis reliability through actionable cloud infrastructure supply chain visibility which coverages all the planning properties. Also the signal to live UI console dashboard has capacity orders showing progress across supply chain, Latencies, implicated red/Green status, alarm status to indicate risk and deviation from plan.

**Order Prep:**The MCIO Portal team has been developing stratus, an open platform through which internal MCIO engineering teams can develop their applications, expose their PowerBI dashboards, and host internal business experiences. And Order Prep is one of the internal web application UI Modules that encapsulate the user experience for a given feature.

**Responsibilities:**

* Worked with Business Analysts and users to understand the requirement and Contributed to the requirements gathering, analysis, design, development, change management, release and post-production verification of several projects.
* End 2 End implementation including design, coding and testing of rest services using ASP.NET Web API and C#
* Hands on experience in creating tables and also Rename, Delete, Upload, Download Entities in Azure Storage Explorer for inspecting and altering the data in windows Azure Storage projects including the logs of cloud-hosted applications.
* Used AngularJS to create modern web applications to solve everyday business needs on the front end, and Microsoft SQL on the back end.
* Developed several UI pages in ASP.net with server side and client side validations.
* Created Images, Logos and Icons that are used across the web pages using Adobe Flash and Photoshop
* Design and implement Restful API layer along with calls to consume an API layer. And also added unit tests to the codebase using Jasmine.
* Co-ordinate with QA for testing, Production releases, Application deployment and integration.
* Provided production level code to the engineering team for product development, including cross-browser support, CSS optimization, and ADA compliance support.
* Front-end architecture with AngularJS controllers, directives, services and custom directives.
* Worked on creating responsive website for smart devices using responsive design and media queries.
* Experience in troubleshooting the application, analyzing and resolving issues.

**End Client: Lenovo, Morrisville, NC April 2015 – August 2015**

**Employer : Collaborate Solutions**

**Project #3:**

**Title :**Customer Partner Accountant(CPA)

**Environment :** HTML 5, JavaScript, AJAX, CSS 2/3, JSON, JQuery, XML, Angular.js.

**Role : UI/Web Designer**

**Description:**

The main objective of the project is to manage the accountant licenses. This project is used by the customers where customer manage his license details. A schedule is run on monthly basis to send alerts to customers to notify the expiration of license, renewal of license. Administrator is the main user to create and manage the licenses.

**Responsibilities:**

* Experience with built-in services and knowledge of custom services and scoping in AngularJS
* Worked closely with other senior developers, product managers, system architects, and the QA team to deliver optimal designs and software to meet and exceed expectations.
* Contributed positively to the overall team dynamic; participated in stand-up meetings, planning and design sessions and other business-development working.
* Elegant implementation of page designs in standards-compliant HTML and CSS.
* Creating rapid prototypes of interfaces to be used as blueprints for technical development
* Used AJAX for Partial Page Updating, Invisible Data Retrieval, Constant Updating, Smooth Interfaces, Simplicity and Rich Functionality
* Responsible for the Client Side Support and Developed test cases and performed unit testing.
* Fixed Cross browser issues in Internet Explorer 7+ (including IE9), Safari, Chrome, and Firefox and contributed bug fixes.

**EDUCATION**

**M.Sin Computer Engineering**,University of Houston-Clear Lake(Houston, TX) **Dec 2014**

**B.Ein Electronics and Communications**,Jawaharlal Nehru Technological University (Hyderabad,India) **Jun 2012**

**INTERNSHIP:**

**XSEDE High Performance Computing Internship,** Pittsburg, PA **May to Aug 2014**

Project: Video Camera Dead-Pixel Monitoring for NASA High Definition Earth Viewing Mission.

* Design and implement an efficient parallel program to detect and monitor bad-pixels from HD earth viewing video frames live-streamed from NASA ISS.
* Program coding using OPENMP on different clusters like Gordon, Blue waters, stampede on Linux platform
* Algorithm is programmed in C language, and developed high performance using OPENMP.

**ACADEMICPROJECTS**

**Capstone: Region of interest compression in video surveillance January-April 2014**

* A video compression is introduced using Region of Interest in this project.
* In the context of video compression, the video is optimized using Huffman coding &Discrete Wavelet Transform which applied to the image using Matlab.

**ACADEMIC HONOURS**

**XSESE Internship University of Houston- Clear Lake July 2014**

* Presented short lightening elevator talks and posters presentation at XSEDE14 conference at Atlanta
* Received NSF (National Science Foundation) Summer Internship Stipend. **May 2014**
* Selected as an HPC Summer Research Intern among 25 students all over the Nation.