**Mounica Chilukuri**

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**PROFESSIONAL SUMMARY:**

* **Oracle Certified Java Developer**with over 5+ years of experience in design, development, research and implementation, maintenance and documenting of various web-based, Enterprise, Client/Server and Distributed applications.
* Thorough knowledge in core Java concepts like **OOPs, JDBC, Multi-Threading** and advanced Java concepts like JSP, XML, and AJAX.
* Expert knowledge and experience in **Core Java** and **JEE Design Patterns**.
* **Prototyped visual design concepts**, designed icons, and provided solution for a new navigation system, resulting in a better user experience.
* Conducted user research through interviews and usability testing before and after the re-design
* Created actionable and **intuitive design flows** by developing a site-map and **high fidelity wireframes**
* Designed, built, and tested interactive prototype to iterate and evolve design concepts of the project
* Sound knowledge in **data structures** and **algorithms**.
* Experience in **designing User Interface applications** and highly interactive web applications using **Angular 2, TypeScript, AngularJS, JavaScript, HTML5, CSS3, LESS,** and **XML**.
* Proficient in building Web User Interface using modern frameworks, Angular and Bootstrap that follows **W3C Web Standards** and are browser compatible.
* Practical knowledge in understanding and implementing **cross browser compatibility**.
* Experience in working with CSS Background, layouts and positioning along with **Responsive Web Designing**.
* Strong knowledge of **ADA compliance standards and Responsive Design**.
* Experience in working with **Waterfall model** and **AGILE methodology**.
* Strong **communication skills**, with the ability to convey concepts/requirements between technical and non-technical team members.
* Excellent interpersonal abilities, communication skills, time management and Team skills with an intention to work hard to attain project deadlines under stressful environments.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | Java, C++, C, C#. |
| **Web technologies** | HTML5, CSS3, LESS, Angular2/4, AngularJS, JavaScript, TypeScript. |
| **Java Technologies** | Java, JEE, JSP, Web Services, SOAP, Restful, Spring MVC Framework |
| **Platforms/Dev Frameworks** | BootStrap, Media Queries |
| **Browser Compatibility** | Ghostlab, Browser-Stack, Sauce Labs |
| **Testing Frameworks** | Jasmine, Karma |
| **Developer Tools** | AngularJS Batarang, Augury |
| **UX Design** | Balsamiq, Justinmind, InVision, Adobe Photoshop, Premiere Pro, Sketch App |
| **RDBMS** | Oracle, MySQL |
| **Version Control** | GitHub, SourceTree |
| **IDE** | IBM RAD, NetBeans, Visual Studio, MS Office, and MS-Visio. |
| **UML Tools** | MS Visio, Rational Enterprise, UModel |
| **Operating Systems** | Windows, Unix and Linux |

**PROFESSIONAL EXPERIENCE:**

**Beacon Health Options, VA January 2017 – Present**

**UI/UX Developer**

**Description:** Self Service Portal (SSP) is an Enterprise JEE Web application targeted for Beacon Health Options members. It enables members to view their authorizations, claims, and benefits information. Members can also check their limit, accumulated balance amounts and also allows members to update their demographics information, view their deductible and out-of-pocket amounts and appeals information. SSP also provides Message Center functionality, using which the members can communicate with Beacon Health Options clinicians in a secure manner.

**Responsibilities:**

* Worked in a team, and involved in designing the front-end applications, user interactive web pages using web technologies like **HTML5/CSS3, Angular 2 and bootstrap**.
* Involved in developing the UI pages using HTML5, CSS3, BootStrap and JavaScript.
* Developed front end along with pages for **user interactions**; for the website using HTML, CSS, Angular2 and TypeScript.
* Developed and delivered **low-fidelity and hi-fidelity prototypes** for clients.
* Incorporated **Usability Testing** feedback.
* Performed **qualitative and quantitative research** to uncover user needs, perceptions, and preferences.
* Produced **wireframes, mockups, and UI/UX art assets.**
* Conducted **user-centered research and create personas, scenarios** and user stories to optimize user journeys.
* Developed **multiple prototypes** for client testing.
* Researched and tested ideal user experience environments.
* Worked with ng-messages in **Form-Validation** and displaying the error messages.
* **Presented design concepts and deliverables** to stakeholders and product team members
* Designed dynamic and **cross-browser compatible** pages using HTML5, CSS and TypeScript.
* **Testing** the website on multiple browsers with their old as well as latest release.
* Worked with **JEE Design patterns** like Singleton and MVC.
* Developed page layouts, navigation and presented designs and concepts to the clients and the management to review.
* Performed unit testing and integration using **KARMA**.

**Environment:** JAVA, JEE, TypeScript, HTML, CSS3, BootStrap, Angular2, Balsamiq, Justinmind, Trello Spring MVC, MyBatis, DB2, IBM Rational Application Developer, IBM WebSphere Application Server.

**Link:** [**https://www.valueoptions.com/ssp**](https://www.valueoptions.com/ssp)

**CGI Group, VA**  **May 2016 – December 2016**

**Web Developer**

**Description:** CGI is one of the few global firms that provide for the common business language, standards and frameworks to conduct all operations consistently across the globe. CGI offers high-end business and IT consulting to develop a digital strategy and build their roadmap, systems integration to connect legacy assets with digital business and operating models. Intellectual Developmental Disability (IDD Portal) is Angular MVC based Enterprise JEE Application(you can change this verbiage in blue) is for Individuals, who need IDD services and would like to submit an online application for IDD services.

**Responsibilities:**

* Worked with HTML5, CSS3, XML, JSON, JavaScript, TypeScript, jQuery, AngularJS for developing user interface.
* Ensuring high performance on **mobile and desktop**.
* Developed **Single Page Application (SPA) using AngularJS Framework**.
* Working with JavaScript and the JQuery framework.
* Developed Web Application to replace the existing and legacy Website using AngularJS Framework.
* Developed Jersey based **jax-rs Restful** resources.
* Developed **Stateless Session Beans and Enterprise Java Bean** (EJB) Components.
* Implemented **JEE Design patterns** and developed classes using Common Delegate, and Data Access Object.
* Implemented JWT with shared secret key for **Authentication and Authorization**.
* Developed **wireframes, and mockups** for client approval.
* Developed **low-fi and hi-fi prototypes** for stakeholders.
* Involved in **conducting reviews, UX research**.
* Created **Personas, and Scenarios** for client understanding and improving the design process.
* Involved in extensive **Usablity Testing** to evaluate the products.
* Configuration of **Continuous Integration (CI)** – Hudson and developed BuildScripts.
* Deployment of Enterprise Application in IBM Websphere Application Server development environment.
* Involved in write application level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Implemented and designed user **interface for web based customer application**.
* Worked on **Cross-Browser compatibility** and fixed the bugs for several browsers.
* Participation in daily Scrum standard meetings.
* Used Agile (Scrum) methodology during design, implementation, development and testing.

**Environment:** Java, JEE, Jersey Restful JAX-RS, EJB 3.0, JWT, Oracle, AngularJS, HTML5, CSS3, JavaScript, JQuery, Balsamiq, MockPlus, Justinmind, IBM RAD 8.01, IBM Websphere on windows, Hudson, Maven and CVS.

**Triptage, WA September 2015 – April 2016**

**Application Developer**

**Description:** Triptage is a platform to help plan, organize and find new trips. Using Triptage, you can post all the trips that you have taken and it offers a collected way to capture every minute details with the stop you made, money you spent, people you were with, and routes you took to travel. One of the main aims of Triptage is to avoid all the false advertisement about places and help users to aggregate the travel experience at one place in a standard manner.

**Responsibilities:**

* Responsible for developing a complete front-end application using Angular2, HTML 5, CSS 3, Pattern Lab, JavaScript and Bootstrap.
* **Created angular components** like controllers, services and providers.
* Developed the WebPages using responsive web designing and customized many features of the application in iterative environment.
* Organized and conducted **multiple usability tests** on designs to test user interfaces.
* Created library of **usability patterns** for use by entire usability team.
* Presented designs and user test findings to internal team as well as clients and senior management.
* Collaborated with clients to rapidly iterate on **custom UI solutions in Axure RP, InVision, HTML, CSS**, and saving dozens of hours of more expensive development time.
* Created dozens of **prototypes** per day for user testing in lean environment.
* Translated client **workflows into flow diagrams** that served as design touchstones.
* Introduced systematic processes and custom resources for **UI sketching and via InDesign**, and architecture diagramming.
* Created **hi-fidelity prototypes and low-fi wireframes** meeting client needs.
* Worked closely with the Stakeholders, conducted user interviews, user research and **developed Personas** to help set up the design process.
* Conducted **extensive usability testing** to evaluate the products being created to meet user needs.
* Created complex navigation maps, **wireframes and prototypes** within technical constraints for both internal and external use.
* Conducted **user-centered research and create personas, scenarios** and user stories to optimize user journeys.
* Participated in all phases of usability testing in lab and remote settings.
* Developed the **User Interactive web pages** in a professional manner using web technologies like HTML and CSS3 based on the W3C and ADA standards.
* Creating **cross-browser compatible and standards-compliant** CSS based page layouts.
* Developed and designed the various screens and its architecture in accordance to UI Specs.
* Involved in coding pages with best Search Engine Optimization (SEO) techniques.
* Worked closely with the other teams in **fixing bugs and cross platform compatibility**.
* Ensured all code was validated by W3C accessible coding requirements.

**Environment:** Angular2, Laravel, TypeScript, Javascript, PHP, HTML5, CSS3, LESS, AxureRP, InVision, Balsamiq, MySQL, REST, JSON JQuery, AJAX, XML, Usability Testing, and Agile methodology.

**Nissan Motors, India May 2014 – April 2015**

**Associate Software Developer**

**Description:** NISSAN FINANCE is a web portal called NMAC (Nissan Motor acceptance corporation) used by the agents, customers for online registration where they can access to various payment options (Recurring Payments (Auto Pay), One-time Payment, Other Payment Options), and apply finance through online and maintained its huge database.

**Responsibilities:**

* Involved in the development of the customer web portal using **C#.NET** and in managing database using SQL Server 2008.
* Involved in **requirement study, analysis, design, development**.
* Used 2-tier architecture with **front-end (Presentation & Business)** in C#, and backend (SQL).
* Implemented page validation by using **ASP.NET Validation controls** and client-side JavaScript.
* Designed and developed front end pages using ASP.NET 4.0, C#, JavaScript, XML and HTML5, CSS3 and JQuery.
* Designed and developed **Web Forms with web User Controls**, Win Forms, Cascading Style Sheets (CSS), Themes and Skins for achieving a good look and feel.
* Developed UI components using **ASP.NET and C# Win Forms**.
* Implemented MVC 4 Framework with Razor for ASP.NET application development.
* Involved in developing web Pages with rich UI, AJAX, and jQuery using ASP.NET.
* Worked with ASP.NET Web Forms, **WCF Services**, and State Management, Caching features, Configuring optimizations and securing the web application.
* Modifications were made to the existing **GUI using WPF for better look and feel**.
* Created WCF services to Access data from data source.
* Used **AJAX controls** to update the data at selected place in the UI.
* Worked with **Agile Software Development Life Cycle** (SDLC).
* Performed **data validations using validation controls** - Required Field Validator, Compare Validator, and Validation Summary and used Java Script for Client Side validation.
* Followed Agile methodologies (scrum, extreme programming) and test driven development.

**Environment:** ASP.NET, C#, ADO.NET, Web Services, XML, HTML, Windows XP, Ajax, SQL Server 2008, HTML, CSS, JavaScript.

**Anna University, India June 2013 – April 2014**

**Software Engineer**

**Description:** Student Portal of SAEC (S. A. Engineering College) under Anna University is a Java Enterprise Application for new applicants and students of SAEC to login, create and submit a new application and check their application status, schedules, calendar, balance, and also connect to and contact their advisors. The application was designed to be modern SPA using AngularJS and UI was capable of handling internalization. Members will have access to all modules of the portal and they will receive notifications through mail and text messages.

**Responsibilities:**

* Researched on best practices for usability design and user requirement analysis.
* Created **concept models, heuristic reviews, sitemaps, process flows, and sketches** for the initial Design.
* Developed wireframes, prototypes, and **detailed specifications for mobile/tablet** and social applications.
* Conducted stakeholder interviews and both **remote & in-person user interviews** and usability tests.
* Created **click-throughs and prototypes** for web and mobile/tablet for use during tests.
* Synthesized and compiled findings to inform **UX strategy.**
* Produced **wireframes, XHTML code and CSS** that contributed to user-centered design (UCD) efforts for dozens of Web pages.
* Managed usability testing for SAEC portal landing pages.
* Defined testing parameters, prepared **prototypes, recruited users, facilitated tests and reported results.**
* Applied knowledge of cognitive processes to simplify the user interface in order to increase usability resulting to increase of the product's **efficiency and effectiveness** as well as help prevent product interface misuse
* Plan and direct **user experience validation** and testing
* Translated **business requirements into page flows**, **interactive prototypes, storyboards**, flow charts, sketches, comprehensive wireframes and other documents that effectively communicate the information design and interaction design.
* Developed **mock website** using AngularJS, JacaScript, HTML and CSS.

**Environment:**HTML , CSS , AngularJS, JavaScript, Balsamiq, Sketch, Webflow, MySQL, JQuery, Apache Tomcat, AJAX, XML, SOAP, JSON, Bootstrap, WSDL, UML, GIT, JSP.

**IIS Technologies, India May 2012 – April 2013**

**Junior Developer**

**Description:** IIS technologies are one of the foremost technical service providers for software services, hardware product expansion, and application in robotics to students. IIS Portal is a web portal used by the students, customers for online registration where they can get access to various options (recurring payments (auto pay), one-time Payment, other payment options), and select and apply to courses and get access to all their course material.

**Responsibilities:**

* Developed **Responsible Web Design** pages (RWD) UI using HTML 5, CSS3 media queries, Ajax, AngularJS and Bootstrap.
* Involved in reviewing **business requirements and functional designs** for application and participated in creating **Wireframes.**
* Worked in **Agile Development** and maintained good level of communication in team going through all phases of SDLC lifecycle.
* Embedded new **Media Elements** i.e., video and audio files using the HTML 5 mark-ups and used HTML5 file API for uploading local files from the client-side.
* Created **Angular components** like controllers, services, directives and forms to collect different user data and implemented form validation in Angular.
* Developed Custom directives to be reused across different modules in the application.
* Developed Web API using **MVC framework** for all business logic and exposed to the front-end interfaces.
* Gathered data from **API/web services** via AJAX-JSON calls and updating the DOM within the result sets.
* Implemented latest CSS3 features like creating **various effects, shading, 2D 3D animation, Shapes and Handling multimedia.**
* Worked with **Twitter Bootstrap framework** making use of grids, advance components like Navbars, Pagination, Alerts, Progress bars etc.
* Contributed code to the development of **mobile and responsive design** and customized many features of the application in iterative sprints environment.
* Designed and developed web pages using CSS pre-processors such as **LESS and SAAS**.
* Debugged the issues in firebug for **Firefox, web developer tools in Chrome, Safari and IE**.

**Environment:** HTML5, CSS3, JavaScript, Java, Servlets, jquery, Ajax, Bootstrap, AngularJs, JSON, MYSQL, Apache Tomcat, SASS.

**EDUCATION:**

**Masters in Computer Science, Washington State University,** Pullman WA

GPA: 3.6

Major Focus areas: Networking and Human Computer Interaction.

**Bachelor of Engineering in Computer Science, Anna University,** India

GPA: 3.9

Major Focus areas: Networking and Web Development.