**Deepak Koirala**

**PROFESSIONAL SUMMARY:**

* Over **7** years of extensive experience in IT Industry Developing, Testing, Integrating, Implementing the web based and **UI** applications.
* Worked in **Waterfall**, **Agile**, **Scrum** methodologies and followed Agile methodology on daily basis for tracking work, milestones.
* Strong **Web development** skills, having good experience of JavaScript, JQuery, JSON, Ajax, HTML, XML, CSS.
* Strong **Handcrafting HTML, CSS and JavaScript**experience.
* Wrote **SPA** (Single Page Web Applications) using RESTFUL web services plus Ajax, Bootstrap and AngularJS.
* Wrote **AngularJS** controllers, views, and services for new website features and used to markup and expressions and experience using Angular UI components like **GRID**.
* Used **Backbone.js** and **Require.js** to create Views to hook up models to the DOM and synchronize data to/from server.
* Highly Curious about new front-end development technologies and adept at promptly and thoroughly mastering them with a keen awareness of new industry developments and the evolution of programming solutions.
* Experience on various **IDE’s** like Sublime Text, Eclipse, Edit Plus, Notepad++.
* Strong Knowledge on implementation of user-centered design (**UCD**) methodology.
* Good Understanding of Document Object Model (**DOM**) and DOM Functions.
* Thorough understanding of CSS principles with a clear ideology for managing maintainable, scalable and cross-browser code
* Experience using **NPM modules** like grunt, bower, express, http.
* Good knowledge on server side JavaScript programming likes **Node.js**
* Experience of implementation of Web Services using **SOAP** and **Restful**.
* Experience in software configuration management using **GITHUB**&**SVN**.
* Experience with **Firebug** for Mozilla, **Developer Toolbar** for Chrome and **IE Developer Toolbar** for Internet Explorer.
* Performed unit test using **Karma** and **Jasmine**.
* Sound Understanding and good Experience with Object Oriented Programming Concepts, Object Oriented JavaScript and Implementation.
* Familiar with Cross Browser Testing and Debugging.
* Designed, developed and supported **HTML5** and **CSS3** based applications, predominantly for use on mobile devices.
* Design and document each module as a part of the implementation/delivery process.
* Worked with multiple IDEs such as **Web Storm**, **Dreamweaver**, **Visual Studio**, **Eclipse**, etc
* Experience in developing web service applications using **SOAP** and **REST**.
* Experience in writing **SQL** queries.
* Have good communication skills to discuss the projects with technical and non-technical SME's.

**TECHNICAL SKILLS:**

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| ***Web Technologies*** | *HTML5, CSS3, JavaScript, AJAX, JQuery, JSON, XML, AngularJS, Ext JS, BackboneJs, RequireJS, NodeJs, D3JS.* |
| ***Languages*** | *C, C++, Java, Advance JavaScript.* |
| ***J2EE Components*** | *JSP, JSTL, SOAP, REST.* |
| ***Application Servers*** | *Websphere, WebLogic.* |
| ***Debugging Tools*** | *JIRA, Firebug, Bug Zilla.* |
| ***Databases*** | *SQL Server, MySQL, Oracle11g, PL/SQL (Oracle).* |
| ***Version Control*** | *GITHUB, SVN, CVS.* |
| ***Graphic Designing Tools*** | *Illustrator, Photoshop, Dreamweaver* |
| ***IDE Tools*** | *Sublime Text, Eclipse, Edit Plus, Notepad++.* |
| ***Operating Systems*** | *Windows XP/Vista/7/8, MAC OS X.* |

***PROFESSIONAL EXPERIENCE:***

**State Farm Insurance** - Bloomington, IL **Dec 2014- Current**

**Web/UI Developer**

**Description:** State Farm Insurance is one of the largest insures in the nation and since several years it has been developing applications for processing financial business. The project was mainly focused on maintaining the details of various personal information and different insurance policies, payment history and billing cycles for the customers and the financial staff. It allows searching policies depending upon various search criteria. The users and all the staff can make online payments.

**Responsibilities:**

* Involved in all stages of software development life cycle including Analysis, development, implementation, testing and support
* Involved in development of User Interface **using HTML, CSS, JavaScript, jQuery, AJAX, JSON** and **AngularJS**
* Involved in a team of 2 for creating a web scraping tool to gather premium data for insurance policies.
* Developed **HTML** prototypes and UI deliverables such as wireframes, screen mock-ups and interface design
* Produced content pages with **CSS** layout and style markup presentations and also used JavaScript methods and properties
* Used **jQuery** framework for UI centric Ajax behavior
* Used various **jQuery** and Bootstrap plugins like data picker, bootstrap select etc.,
* Used **AJAX, JSON** to send request to the server to check the functionality of the websites
* Developed different **jQuery** component in **MVC micro** architecture framework which internally use various design pattern such as singleton, command, delegate etc.,
* Used **JSON** for storing and exchanging information between browsers and servers
* Developed the custom data grids upon **jQuery** framework to deliver the business data
* Developed single page web application using JavaScript framework **AngularJS**
* Extensively used **Angular UI form-grid and UI components**
* Created **AngularJScontrollers**, services and used **AngularJS filters** for filter functionality in search box and integrator functionalities
* Worked on Cross-Browser compatibility and fixed the bugs for several browsers
* Worked on debugging **JavaScript and HTML code** with **Firefox Firebug** and **Google chrome JavaScript debugger**
* Testing the website on multiple browsers to check if they are Cross browser compatible
* Used **Git** Subversion to implement version control System.
* Developed **Unit and E2E test cases** using **Jasmine, Grunt and Node Js.**
* Used **JSON for data exchange** and **Rest Services** to interact with spring controller.
* Designed graphic images, icons, templates in **Adobe Fireworks MX.**
* Wrote stored procedures, views, cursors and triggers **using SQL**.

**Environment:** HTML5, JavaScript, CSS, Adobe Flash, Photoshop, Angular Js, Bootstrap, XML, D3.js, MS Excel, Dreamweaver, JQuery, DOM, DML, DHTML, GIT, Eclipse, SOAP, ANT, Grunt, Firebug, SQL, Oracle, Window

**Capital One - Dallas, TX June 2012 – May 2014**

**Role: Web Developer**

**Description:**Capital One is a diversified bank that offers a broad array of financial products and services to consumers, small businesses and commercial clients. Involved in Financial Invest project which is developed to register, track and maintain the customer investment. Main focus on fixed income, Asset management and mutual funds. Generate volumes of management data to provide a service oriented interface, offering a few simplified and actionable recommendations or insights.

**Responsibilities:**

* Involved in **Agile** software development lifecycle which involves designing, coding, testing, debugging and support.
* Worked on **AngularJS** directives and controllers for designing the web application and used its two way data binding to achieve the feedback functionality from the user.
* Used AngularJS filters for searching, sorting, pagination and used custom filters.
* Created AngularJS Routing to connect different controller to the view which allows the single-page application.
* Involved in writing application level code to interact with APIs, Web Services using **AJAX**, **JSON, XML** and jQuery.
* Worked with **HTML5, CSS3, JavaScript** for developing user interface.
* Created optimized graphic websites and application interfaces using **HTML5, CSS3 and jQuery** UI framework.
* Used **Bootstrap** and **Angular UI Bootstrap** for creating rich, Responsive UI Screens for varying screen sizes and devices.
* Implemented **RESTful** services and data services on **Node.js** and **Express**.
* Worked with QA team on daily basis in fixing the reported bugs and checking cross platform compatibility.
* Worked on **re-factoring** existing application code (built in **AngularJS**).
* Used **GIT** for version repository maintenance.
* Involved in Analysis, design and coding on Java and J2EE Environment.
* Developed Java utility programs to retrieve data from Oracle.
* Involved in the database design and prepared detail level design document.
* Implemented **ANT** for build automation and **Log4j** as logging framework.
* Unit tested complex methods and objects using **Jasmine**.

**Environment:**HTML5, CSS3, JavaScript, jQuery, AngularJS, Node.js, Java, Bootstrap, Jasmine, WebStorm and Agile/Scrum.

**IBM - New York, NY Jan 2011 – May 2012**

**UI Developer**

**Description:**IBM is an American multinational technology and consulting corporation which manufactures and markets computer hardware, middleware and software and offers infrastructure, hosting and consulting services. Involved in the project IBM quotation tool which was developed and can be used by various distributors in North America and Canada for quoting various IBM products to their customers. The product selections are made involving various criteria's and conditions and the net amount is generated as a PDF document based on American or Canadian price. The tool was started from scratch involving requirement gathering, design, development, testing and documentation.

**Responsibilities:**

* Designed and developed front-end UI using **HTML, CSS3, Sass, JavaScript** and**jQuery**.
* Implemented Presentation layer using **CSS** Framework, **Angular JS**, **Ext JS**, **Wire-framing**, and **HTML5**.
* Performed Client side validation using **JavaScript**.
* Creating cross-browser compatible and standards-compliant **CSS**-based page layouts.
* Create, edit and maintain sites implementing responsive design and themes using front-end development frameworks.
* Designed various routing mechanisms and implemented http functionality in Angular JS in order to retrieve data from web servers.
* Implemented Angular controllers to maintain each view data and customized data tables and high charts into Angular JS directives.
* Used **Ext JS** framework for building web-apps and is highly efficient with PHP framework as well as using Restful services.
* Create complex **JIRA** workflows including project workflows, screen schemes, permission scheme and notification schemes.
* Implemented custom validation controls for various forms with help of JavaScript validation controls.
* Used **SVN** for version repository maintenance.
* Used **JUnit** for writing test cases and testing the application functionality.
* Used tools such as **Firebug**, web developer tools for debugging and correcting errors.
* Following **Scrum** methodology to track the project details and updating the development status every day.
* Worked on **Basecamp** for project management and **Jitsi** for instant messaging.

**Environment:**HTML5, CSS3, Sass, AJAX, JavaScript, Media Queries, jQuery, SVN, JSP, AngularJS, Ext JS, Basecamp, Jitsi, Agile/Srum, Adobe Photoshop, REST, Java, JUnit, Firebug and Oracle 11g.

**American Express- Plantation, FL. March 2009 to Dec 2010  
UI Developer**

**Description:** The American Express Company, also known as Amex, is an American [multinational](https://en.wikipedia.org/wiki/Multinational_corporation)[financial services](https://en.wikipedia.org/wiki/Financial_services) corporation headquartered in [Manhattan](https://en.wikipedia.org/wiki/Manhattan)'s [Three World Financial Center](https://en.wikipedia.org/wiki/Three_World_Financial_Center) in New York City, United States. Founded in 1850, it is one of the 30 components of the [Dow Jones Industrial Average](https://en.wikipedia.org/wiki/Dow_Jones_Industrial_Average). The company is best known for its [credit card](https://en.wikipedia.org/wiki/Credit_card), [charge card](https://en.wikipedia.org/wiki/Charge_card), and [traveler's cheque](https://en.wikipedia.org/wiki/Traveler%27s_cheque) businesses. Amex cards account for approximately 24% of the total dollar volume of credit card transactions in the US.

**Responsibilities:**

* Worked with **HTML5, CSS3, Java, XML, JSON, JavaScript, JQuery** and **JQuery UI** for developing user interface.
* Worked in Scrum Methodology – attended daily stand-ups, **Sprint planning, Sprint retro** and Sprint review meetings.
* Used **LESS.js** for create style themes using variables, mixins and nested styles.
* Extensive used **jQuery** – **CSS3 Selectors, Sizzle API, DOM** traversal, manipulation and event handling.
* Used **JQueryUI** controls as Accordion, Tabs, Dialog and used **jQuery** mobile data attributes to create mobile friendly pages.
* Created **custom jQuery** plugins for file upload, date control and drag and drop using Client templates.
* Created Video controls and **SVG** documents and images for responsive using native **API** to remove dependency on external plugins.
* Produced and consumed **Rest Web Services** developed **DAO's and DTO** classed for services and consumed through **jQuery AJAX** calls from front end.
* Implemented various Validation Controls for form validation and implemented custom validation controls using **Object Oriented JavaScript**.
* Specially working with **AJAX** data consisting of **JSON/XML/JSONP** responses, parsing the same and presenting on the **UI layer**.
* Utilized Modernizer extensively to build **HTML5/CSS3** based page layouts that are cross-browser compatible and standards-compliant.
* Developed code to call the web service/APIs to fetch the data and populate on the **UI** using **JQUERY/AJAX**
* Used **MSTest** for backend test cases and 'Jasmine' for **AngularJS** test cases.
* Developed certain features of the application functionality i.e. **CRUD (Create, read, update, delete)** features using **Backbone.js, Require.js** and **Responsive Design**.
* Debug the application using **Firebug** to traverse the documents and manipulated the **Nodes** using **DOM** and **DOM Functions**.
* Worked with the team of architects and **back-end Developers** to gather requirements and enhance the application functionality and add new features.
* Participated in the status meetings and status updating to the management team.

**Environment:** HTML5, CSS3, JavaScript, JQuery, JQueryUI, JQuery Mobile, Modernizer, Require.js, Backbone.js, Responsive Design, AJAX, DOJO, DOM, Firebug, REST, Web services, XML, JSON.