**Pranav N**

**UI Developer**

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**Professional Summary:**

* 8+ Years of Experience in developing web applications and interactive software products using **HTML4**.**01/5**, extensive experience as a **FrontEndUI** Developer developing web applications.
* 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**, **HTML** /**DHTML**, **DOM**, **XHTML**, **jQuery**, **CSS**, and **Ajax**.
* Extensive experience in building Single Page Applications (**SPA**) using frameworks like **angularjs** and custom **MVC** frameworks.
* Worked on Responsive design Layout applications supporting multitude of browsers and devices.
* Experience in Object Oriented **Javascript** and use of design patterns like module, revealing module and singleton pattern.
* Worked on different **javascript** libraries like **jQuery**, **Underscorejs**, **Requirejs**, **knockoutjs**.
* Working knowledge of **Qunit** and Jasmine JavaScript unit testing frameworks.
* Extensive experience in AJAX requests (webservices and **RestfulAPI**) and **JSON** responses.
* Expertise in **Html4** and usage of template engines like handlebars and **underscorejs**.
* Worked on End to End design, development of **Angularjs** based Single page Application.
* Knowledge of **Html5**, **CSS3** new features and use of libraries like **d3**.**js** for charting and rich interactive widgets.
* Experience in using various tools and IDEs for development and design like **WebStorm**, Eclipse and Visual Studio.
* Worked on writing grunt tasks for build scripts, minified and bundled the **javascript** code.
* Experience in profiling web applications and removing performance bottle necks.
* Expert in designing web applications and web contents utilizing various Search Engine Optimization (**SEO**) techniques.
* Experience on working with **CSSBackground**, **CSSLayouts**, **CSSpositioning**, **CSStext**, **CSSborder**, **CSSmargin**, **CSSpadding**, **CSStable**, **Pseudoclasses**, **Pseudoelements** and **CSSbehaviors** in **CSS**.
* 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 writing and updating the technical documents on daily basis with the changes made to the existing environment on daily basis.
* Experience working in **Scrum** teams in **agile** methodology.
* Hands on Experience with version control tools like **SVN** and **Git**.
* 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.

**Tools & Technologies:**

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| **Languages** | C, C++, Java, JavaScript, TypeScript, SQL. |
| **Web(UI) Technologies** | HTML 4/5, CSS 2/3, JavaScript, AJAX, JSON, JBOSS,LESS, SASS, XML, XHTML, Responsive Design, Ruby, Bootstrap, jQuery, Backbone, AJAX, jQuery Mobile, XML, JSON, REST |
| **JavaScript Frameworks** | AngularJS, NodeJS, Bootstrap, Backbone.js, Knockout.js, Require.js,D3.js, C3.js, Node.js, Modernizr, moment.js, Underscore.js, React.js, ember.js, handlebar.js. |
| **Database** | MS SQL server 2008, Oracle, My SQL 5.0, DB2, MongoDB, NoSQL SERVER, ORACLE. |
| **Design Methodologies** | J2EE Design Patterns, Software Engineering (SDLC) |
| **Debugging Tools** | Developer tools, Firebug, Bugzilla. |
| **Protocols** | TCP/IP HTTP, HTTPS, SMTP, FTP, DNS, MLLP, cookies, headers, caching, CDN, Security. |
| **Version Controller** | Microsoft Visual SourceSafe, Team Foundation Server, SVN, Tortoise, GIT, HIPAA, EDI (834). |
| **Integrate Development Environment** | MS Visual Studio 2008, Dreamweaver CS3, Eclipse, Sublime Text, Web Storm, Brackets, Bower, Grunt, Notepad++. |
| **JavaScript Frameworks** | Angular JS, Angular 2, EXT JS, D3, Backbone JS, Node JS, jQuery, Bootstrap. |
| **Others**  | MS Office 2003-2016, Adobe Photoshop, DOM manipulations, Responsive Web Design, Karma, Grunt, Jasmine, Rally, Confluence, Jira. |
| **Operating System** | Windows 2000/XP/Vista/7/8/10, MS DOS, Linux/Unix, Mac. |
| **SDLCs** | Waterfall, Agile. |
| **Servers** | Tomcat, Node, Apache, JBOSS. |
| **Automation tools** | Grunt.js, Gulp.js, and Phantom.JS. |

**Education:**

Master of Science in Computer Science
**Pace University – 2017**

Bachelor of Engineering, InformationTechnology.
**Mumbai University – 2014**

**Professional Experience:**

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| **Client: Freddie Mac, Virginia, USA**  |  **Oct2022 - Till Date** |
| **Role: UI Developer** |  |

**Responsibilities:**

* Developing dynamic web pages using **HTML/HTML5, CSS/CSS3, Bootstrap, jQuery, D3JS, AngularJS, React.JS, Node.JS, LESS, SASS.**
* Used **jQuery** to make the **HTML5** and **CSS3** code interact with the JavaScript functions to add dynamism to the web pages at the client side.
* Converted web pages into responsive design using Bootstrap and media query which is targeting phone, tablet, desktop etc.
* Worked on many projects individually as well as being part of team.
* Developed the web page code with high flexibility using the Document Object model (DOM)
* Worked on single page applications (**SPA**) using**bootstrap**, **AngularJS** and **jQuery**.
* Migrated Projectsfrom Customized **JavaScriptMVC** (Model-View-Controller) Architecture to **AngularJS** base.
* Created responsive application using Bootstrap and media Query.
* Used **AngularJS** to structure the UI and developed re-useable Directives. Managed the dependencies using **RequireJS**.
* Also used many **AngularUI** components like **Type**-**ahead**, **Tabs**, **Datepicker** etc.
* Worked on **AngularGrid** to display data in tabular format.
* Utilized **SASSCSS** pre-compiler to get better maintainability for various projects.
* Worked on **REST** based **WebAPI** wrappers to integrate with conventional Web Services with the help of **AJAX** calls and **JSON** as data exchanging portion.
* Used **D3** and **C3** for data visualizations.
* Created dashboard of **D3**.**js** graphs that allows the user to view certain reports in visual format.
* Worked with the Automation team for fixing the bugs, cross browser issues as well as cross platform functionalities with help of certain tools and offshore testing model.
* Unit test all the User Interface **AngularJs** code using Karma.
* Worked on **HIBERNATE** (**J2EE**-tomcat) server environment.
* Follow the path System Development Life Cycle (**SDLC**) as well as Agile methodology.
* Handling cross browser/platforms compatibility issues (**IE**, **Firefox**, **Chrome** and **Safari**).
* Used **JavaScript DOM** manipulation and **JavaScript** event to generate the **data result in UI.**
* Involved in Dynamic form generation, Auto completion of forms, and user-validation functionalities using **AJAX.**
* Created UI templates for final look and feel using **HTML5**, **Fireworks**, **AXURE**, **Flash**, **Dreamweaver** and **Photoshop**.
* Developed a core component of Analytics with **Node.js**, and **Socket Stream**.
* Developed **UI** components for email and link sharing of documents and files for a Content Management System using **Require.js, Backbone.js** and **jQuery.**
* 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.
* Extensively used **HTML** for audio and video playback. Worked on the **MVP** architecture for the **GWT**.
* Worked one-on-one with client to develop layout, color scheme for his website and implemented it into a final interface design with the **HTML/CSS** &**JavaScript** using Dreamweaver.
* Used **jQuerypluginsauto complete**, validation, drag and drop and more exceptionally. Used **jQuery** template for markup. Used **Ajax, JSON** with **jQuery** for request data and response processing
* Used **Twitter Bootstrap** and **Responsive Web Design** to develop complex page layouts including various sections such as headers, footers, left side bars, content area and marketing area.
* Created and developed the web-page layout and positioned/developed design elements, using **Dreamweaver, HTML** and **Adobe Photoshop**.
* Designed / Developed **Ajax Driven** Web based application using **JavaScript, Ajax, JSON, JSPs and Servlets.**
* Parsed the XML based responses using **JAXB Parser** and validated XML against the schema.
* Developed different **jQuery component** in **MVC** micro architecture framework which internally use various design pattern such as singleton, command, delegate, etc.
* Created Dynamic **Wireframes**, **HTMLWireframes**, **DynamicScreenshots** and **Sitemaps**.
* Part of a team to work on implementing concepts in multi-threading, multitasking, synchronization, virtual memory, Batch processing, Activity Management and file management.

**Environment:** Object Oriented JavaScript,Java, HTML5, CSS3, JavaScript, SASS, JQuery, MVC, DOM, JSON, angular.js, AngularUI, Angular Grid, D3.js, C3.js, Require.js, HIBERNATE, WAMP, AJAX, REST, Karma, XPATH,Agile methodology, Dreamweaver, MVP, Usability Testing, Jasmine, MySQL, Windows.

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| **Client: : Lenovo, Morrisville, NC** | **J Jan 2019- Sep 2022** |
| **Role: Front End Developer** |  |

**Responsibilities:**

* + Developing through the use of **HTML5**, **CSS3**, **jQuery**, **JavaScript**& working knowledge of **bootstrap**.**js**.
	+ Designed Frontend with an object oriented **JavaScript** Framework like **AngularJS**.
	+ Built **HTML5** pages which were wrapped into a **CRX** for deployment as a chrome extension.
	+ Helped facilitate the company's move from a chrome extension to a windows application.
	+ Used a combination of **TortoiseMerge** and Beyond Compare to keep the windows application branch and the chrome extension branch in sync.
	+ Used **ApacheCordova** to wrap the **AngularJSSPA** for deployment as a windows application.
	+ Interacted with **Salesforce** to fetch data using **SOQL** queries and **Angular's$http** service.
	+ Used **SVN** through **TortoiseSVN** for version control.
	+ Added a custom implementation of a gesture based navigation on page with snapping through the use of Vanilla **Javascript**.
	+ Designated **UI** architecture for the internal web application and worked with designers to construct conceptual Wireframes and Mockups.
	+ Developed page layouts, Navigations and presented designs and concepts to the clients and the management review.
	+ Used **jQuery** to make the **HTML**, **DHTML** and **CSS** code interact with the **JavaScript** functions to add dynamism to the web pages at the client side.
	+ Used **AJAX** effectively to create pagination and with client side events like quick search.
	+ Built custom directives to make code more modular.
	+ Used detailed wireframes and developed Mock-up designs as per the requirements of Business.
	+ Worked on Cross-Browser compatibility and fixed the bugs, for several browsers.
	+ Built custom rest API though the use of AWS Lambda and AWS API Gateway.
	+ Used **NodeJS** to build AWS Lambda code and used it to debug code locally before pushing the code to AWS.
	+ Used **AWSCloudFront** to setup a dynamic **CDN** to use as a mirror for files in an **AWSS3** bucket to side step simultaneous connection limitations for **AWSS3**.
	+ Debugged the **AWSLambda** code through the use of **AWSCloudWatch**.
	+ Used an **AWSEC2** instances with **NodeJS** to performance test the code that was being written.

**Environment:**JavaScript, HTML5, CSS3, Visual Studio, DHTML, jQuery, AJAX, JSON, DOM, DHTML, XML, SVN, Windows, Angular JS, Lodash, jQuery-UI, NodeJS, AWS lambda, AWS EC2 instances, AWS Cloudwatch, AWS CloudFront, AWS API Gateway, Salesforce.

**Client: ProSight Specialty Insurance, Morristown, NJ Feb 2018 - Dec 2018**

**Role: Front end/UI Developer**

**Responsibilities:**

* + Working in custom created framework called **'BLUEJS'** which includes **BaconJs**, **RequireJs**, **ReactJs**, When **JS**, **NodeJS** and writing code that is modular and reusable.
	+ Writing components that hold model data and call back functions for the actions triggered from view.
	+ Working with **AJAX** data consisting of **JSON** responses, parsing the same and presenting on the **UIlayer**.
	+ Developed very clean and reusable code using advanced JavaScript concepts like **OOJS**, **promises**, publish/subscribe etc.
	+ Designed and developed User Interface using **JavaScript**, **HTML**/**HTML5**, **CSS3**, **DOM**, **XHTML**, **AJAX** and **jQuery**, **Bootstrap**, **SASS**, **AngularJS**.
	+ Used many Angular UI components like **Type**-**ahead**, **Tabs**, **Datepicker** etc.
	+ Applying specific interaction constrains to components collectors and data elements using Rest API calls.
	+ Developed web pages with functionalities like login, register, forget password, Email, filters using JavaScript, **jQuery** and **HTML**.
	+ Developed lot of quick **POC** (Prototypes) to demonstrate and evaluate cutting edge frameworks like **AngularJs**, **ReactJs**, **emberJs** etc.
	+ Experience of writing test cases using various JS based frameworks like Jasmine.
	+ Good understanding of **PHP**, **Java**/**J2EE**/**JSP**/.**net** based Web environment.
	+ Strong technical knowledge of Object Oriented JavaScript (**OOJS**) and **JSframeworks**/**libraries** as **jQuery**, **jQueryUI**, **Handlebar**, **RequireJS**, **AngularJS**, **Modernizr**, **momentJS**, **UnderscoreJS**.
	+ Implemented various Validation Controls for form validation and implemented custom validation controls with **JavaScript** validation controls.
	+ Consuming bootstrap like **BlueUI** components that are compatible for different browsers and resolutions.
	+ Used Require Js for dependency injection.
	+ The new single page application framework is based on **AngularJS** and **AngularUIBootstrap**, which is responsive and attractive.
	+ Worked in line with Analysts and Content team to identify correct keys and content
	+ Used **TwitterBootstrap** show and hide classes for different and grid classes to create **RWD**.
	+ Making pages comply with accessibility requirements for handicapped / visually impaired or practically anyone who uses the website.

**Environment:** HTML5, CSS3, SASS, AJAX, React JS, JavaScript, jQuery, GULP, GIT, CQ5, Bootstrap, Blue JS, Blue UI.

**Client: WorldWide Software(E), Mumbai, India Jan 2014 - Jan 2016**

**Role: Web Developer**

**Responsibilities:**

* Developed single page application using **AngularJS**, **ReactJS** and **JavaSprings** as the backend and **Oracle11g** as the database.
* Designed dynamic and multi-browser compatible pages using **HTML, DHTML, CSS** and **JavaScript.**
* Designed table-less layouts using **CSS** and appropriate **HTML** tags as per **W3C** standards.
* Created **Multiple Re-usable UI Directives** by defining **AngularJSDirectives**, Attaching Event **Listeners**, **Controllers** and **UpdatingDOMelements**.
* **AngularJSFactory**, **Services**&**Providers** created for different modules of **Users**, **Groups**, and **System**&**Entities** etc.
* Implemented user interface guidelines and standards throughout the development/maintenance of the website using **HTML, CSS, JavaScript, jQuery**
* Developed the application with **HTML 5, DHTML and XHTML** for widgets alignment.
* Built Web pages with navigation bars and other features that are more user-interactive using **jQuery plugins, AJAX, JavaScript.**
* Used **HTML, JavaScript** and **AJAX** for developing Controls, web forms and provide a high intuitive user experience.
* Participated in making Responsive Web Designs using **Media Queries** and **Twitter Bootstrap**
* Developed data formatted web applications and deployed the script using client side scripting, **JavaScript.**
* Worked on **AJAX** to develop an interactive Web Application and **JavaScript** for **DataValidations**.
* Implemented a graph using **D3.js** to represent the sales and also summarize monthly financial data
* Used Selectors in **jQuery** for updating content on **DOM** nodes and **AJAX** calls to **REST** services.
* Implemented the search functionality for Internal Application using **AngularJS.**
* Experience in **AngularJS** directives that allow the developer to specify custom and reusable HTML like elements and attributes that define data bindings and the behavior of presentation components.
* Designed **CSS** based page layouts that are cross-browser compatible on all the major browsers like **Safari**, **Chrome**, **Firefox** and **IE**.
* Responsible for creating the screens with table-less designs meeting **W3C** standards.

**Environment:** HTML, DHTML, CSS, jQuery, JavaScript, AJAX, JSON, Eclipse IDE, MS Office, Adobe Photoshop, SVN.

**Client: Genesis International Corporate Ltd, Mumbai, India Jan2013 - Dec 2014**

**Role: Web Developer**

**Responsibilities:**

* Developed the front-end by doing hands-on coding using **HTML 5.0**, **CSS3**, **JavaScript**, **Typescript**, **jQuery**, **AngularJS**.
* Collaborated with Build Team to integrate **HTMLs**, front-end code with the backend technology and portal framework, to ensure the **UX** / **UI** is implemented.
* Involved in parsing **JSON API** to **JDOs** and use them in frontend **handlebar.js**.
* Involved in Enhancement of existing application utilizing **JSP**, Created **HTML** navigation menu that is role based menu items changes dynamically, derived from the database in the form of **XML**.
* Used the **JavaScript** and **jQuery** in the development of the web applications.
* Successfully implemented Auto Complete/Auto Suggest functionality using **AJAX, JQUERY, DHTML, Web Service call and JSON.**
* Converted the mock-ups into hand-written **HTML, CSS (2.1/3), XHTML, JavaScript, jQuery, AJAX, XML, node.js** and **JSON.**
* Utilized various **JQUER**Y plugins to build Rich Internet Application (RIA) to make it look more intuitive.
* Extensively participated in developing the website across different browsers and performed cross-browser testing.
* Extensively used **HTML**for audio and video playback. Worked on the MVP architecture for the **GWT**.
* Developed cross-browser/platform **HTML5**, **CSS3**, and **JavaScript** to match design specs for complex page layouts while adhering to code standards
* Worked on Web/User Interface development using **AJAX, HTML5, XHTML, DHTML, CSS3, Java Script.**
* Created UI templates for final look and feel using **HTML5**, **Fireworks**, **AXURE**, **Flash**, **Dreamweaver** and **Photoshop**.
* Used advanced level of **HTML5**, JavaScript, **CSS3** and pure **CSS** layouts (table less layout).
* Developed a core component of Analytics with **Node.js**, and **Socket Stream**.
* Developed UI components for email and link sharing of documents and files for a Content Management System using **Require.js, Backbone.js** and **jQuery.**
* 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.
* Designed and development of Web pages using **HTML (4/5), CSS (2.1/3)** including **AJAX** controls and **XML**.
* Developed business applications using web technologies like **HTML, HTML5, XHTML, CSS** based on W3C Standards.
* Worked with Developers in **UIIntegration** and defect fixing.
* Usage of adobe **Photoshop** for retrieval of images.
* Worked on cross-browser compatibility and fixed the bugs for several browsers**.**

**Environment:** JavaScript, CSS, HTML, jQuery, XML, xPath, AJAX, JSP, Struts, Servlet, MVC, Junit, Windows.