**Dinesh Kumar**

**Sr. UI/UX Full Stack Developer**

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**Professional Summary:**

* **9+ Years** of experience as a User Interface/Front End Developer in developing web applications using **HTML**, **CSS**,**XHTML**,**XML**, **Bootstrap**, **JavaScript**, and **jQuery**, single page applications using **Angular 4/8/12**, **AngularJS**, **ReactJS, NodeJS**, **RequireJS**,**D3JS,Ajax** and **JSON**.
* Implemented **Angular** and **ReactJS** based MVC with Bootstrap based CSS for responsive layouts
* Experience with full **software development life-cycle (SDLC)**, architecting scalable platforms, object oriented programming, and agile methodologies.
* Always being update on the versions **HTML, CSS & Frameworks**. Implementing the new elements for better working of forms and validation.
* Strong experience on Azure deployment.
* Designed Frontend with in object oriented **JavaScript** Framework like **NodeJS and backboneJS**.
* Expertise working on Document Object Model (**DOM**) and **DOM** Functions along with experience in Object Oriented Programming Concepts, Object Oriented JavaScript and Implementation
* Worked on **RWD** (Responsive Web Design) and implemented applications based on **ReactJS & AngularJS**.
* Expertise in using flux architecture in **ReactJS** and rendering large data sets on view using **ReactJS.**
* Debug the applications in different browsers using **Firebug** and test the applications using **Jasmine, Karma & Mocha.**
* Adept in designing UI patterns and applications with the help of **Sublime Text, Adobe Photoshop, Adobe Dreamweaver, Notepad++.**
* Involved in designing the user experience interface **UI/UX strategy, UI requirements, converting findings into UI designs.**
* Good experience in MVC frameworks like **AngularJS** along with **Bootstrap**.
* Experience in all aspects of **Angular 2 like Routing, Modularity, Dependency Injection, Service calls** and custom directives for development of Single Page Applications using MVC architecture.
* Profound knowledge in working **Document Object Model (DOM)**&**DOM functions**.
* Developed pages using **AEM/CQ5,** including the creation, configuration and integration of templates, components, dialogs, widgets, workflows, and more.
* Expertise in database development using **SQL** and **PL**/**SQL** creating tables, stored procedures, views, indexes and triggers.
* Experience with **Jenkins** with configuration and to build and deploy the applications to higher environments.
* Deployed to **Kubernetes** and used **Cloud bee** to navigate the deployments from **development to Production**.
* Experience with **JIRA** in both Story Creation and bug tracking, also used **Service Now** to get the prod issue updates.
* Well-grounded in Agile methodology with **Test Driven Development** (**TDD**).
* Sound understanding and good experience with Object programming concepts, Object Oriented **JavaScript** and Implementation.
* Hands on experience working on different browsers like **Safari**, **Internet Explorer**, **Mozilla Firefox** and **Google chrome** and checking cross browser compatibility
* Experience working with various Web and Enterprise Application servers like **Apache TOMCAT, JBOSS, Web Logic** and **IBM Web Sphere**.
* Used the **latest HTML5 elements** for **video playback, content rendering** using semantic tags such as article, section etc.
* Expert in creating **Templates**, **Mockups** and **Prototypes**, **WebInterfaces**, **Layouts** and **Flow** of **futurepages**.
* Good Knowledge on how to implement User-centered design (**UCD**) methodology.
* Good knowledge in **TwitterBootstrap** and Responsive Design.
* Hands on experience using the version controls like **SVN** and **GIT.**
* Extensive experience working in **Agile** and **Waterfall** (**SDLCMethodologies**) environments.
* Commendable communication and interpersonal skills substantiated with developers, project managers, subject-matter experts, stakeholders and end clients.
* Excellent communication skills and can be a team leader as well as team player.
* Highly motivated, reliable analytical problem solver and troubleshooter with strong attention to detail.
* Exceptional aptitude for teamwork and collaboration with diverse disciplines in distributed environments, listening, organizing and facilitating conversations.

**TECHNICAL SKILS:**

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| --- | --- |
| Web Technologies | HTML, HTML5, CSS2, CSS3, XML, DHTML, XHTML, JavaScript, JSON, AJAX, jQuery, jQuery Mobile |
| Frameworks | Angular4/8/12, AngularJS, ReactJS, BackboneJS, NodeJS, Redux |
| Languages | C, C++, JAVA, JavaScript,PHP |
| Cloud technologies | Azure, AWS |
| Web IDE Tools | Notepad++, Adobe Dreamweaver, Eclipse, Microsoft Visual Studio, Adobe Photoshop CS5 |
| SDLCs | Waterfall, Scrum, Agile |
| Databases | MySQL, SQL Server, Oracle Server, Mongo DB |
| Debugging tools | Firebug, IE Toolkit |
| IDE’s | Eclipse, Visual Studio, Dreamweaver, Notepad++ |
| Testing Tools | Jasmine, Karma & Mocha, Firebug |
| Operating Systems | Windows, Ubuntu, LINUX |
| Browsers | Internet Explorer, Mozilla Firefox & Google Chrome |

**PROFESSIONAL EXPERIENCE:**

**United Health Global, Basking Ridge, NJ Feb 2023– till Date**

**Sr. UI Developer**

***Responsibilities*:**

* Worked in all phases of SDLC, including requirements analysis, design and development, bug fixing, supporting QA teams and debugging production issues.
* Working knowledge on Azure cloud IaaS and PaaS Services.
* Was responsible for developing the UI pages using ReactJS, HTML5, CSS3, JavaScript, Bootstrap, JSON, jQuery, Ajax.
* Created AngularJS controllers, services, directives, factories, services, routing, DOM manipulation using Java Script and AngularJS.
* Used HTTP module with RxJS to implement observable and REST API AJAX calls.
* Leveraged angular resources for all data access, encapsulating URLs and standardizing data access interfaces.
* Connected Angular components using Express to handle Http calls and to perform CRUD operations using NodeJS.
* Developed **Page layouts**, Navigations and presented designs and concepts to the clients and the management to review.
* Developed **SPA (Single Page Applications)** using ReactJS.
* Worked on the whole application module using technologies such as **JavaScript**, **jQuery** and **Ajax Concepts**.
* Develop a Single Page, Mobile First, cross device/browser web application for real time location sharing using **Angular, JavaScript API**.
* Designed, developed, planned, and migrated servers, relational databases (RDBMS) and websites to Microsoft azure cloud.
* Implemented Restful API from core using NodeJS and Express Framework.
* Designed and developed customized charts using Plotly.js and D3.js by incorporating customized.
* Constructed graphical renderings of depth-first and breadth-first web crawling results.
* Used GIT for source control and JIRA for tracking purpose.
* Knowledge in configuring Cloud platforms such as VMs, Azure AD, Web Apps, DB's, Cloud Services, etc.
* Experienced on creating and managing Azure VM, VMware tools, Cloud Services, and Storages.
* Experienced with deployments, maintenance and troubleshooting applications on Azure Cloud.
* Creating and managing Azure Web-Apps and providing the access permission or Authorization to Microsoft Accounts.
* Responsible for setting up **Angular** framework for UI development. Developed html views with **HTML5, CSS3, jQuery, JSON**.
* Customize components for each web page using **React**& Server side rendering using **NodeJS.**
* Created forms to collect and validate data from the user in **HTML** and **JavaScript**.
* Was responsible for checking cross browser compatibility and hence worked on different browsers like **Safari, IE, Firefox and Chrome.**
* Participated in writing application level code to interact with **APIs**, Web Services using **AJAX**, **JSON** and **XML**.
* Developed web presentation layer using **HTML** and **CSS** according to internal standards and 508 compliance guidelines.
* Created **Typescript** reusable components and services to consume **REST API’s** using component based architecture provided by **ReactJS**.
* Design of **RESTAPIs** that allow sophisticated, effective and low cost application integrations.
* Design prototype Skelton for the UI and Responsive design implementation using web components and Google Polymer.
* Used Model View Controller framework such as ReactJS, AngularJS, RxJS framework for creating Single Page Application.
* Used React with Redux to polish the data and for single directional flow.
* Designed dynamic client-side React.js and JSX codes to build web forms and simulate process for web application, page navigation and form validation.
* Built single page apps, modules, graphics and reusable components using ReactJS.
* Used SASS Preprocessor for CSS preprocessing.
* Reconstructed front-end system in ReactJS by designing React reusable components and lifecycles.
* Experience writing client-side JavaScript using React, React Native.
* Develop **jQuery** plugins, dynamic **HTML, JSON** with **Bootstrap** and **NodeJS**.
* Was responsible to attend Daily Scrum and share the **Sprint’s** work status.
* Prepared the business report with the help of **Wire frames**, converted wire frames to **HTML** prototypes.
* Participated in developing and testing the intranet web applications using **JSP**, **JavaScript** and **CSS**.
* Developing Customer facing software for managing different types of accounts using, **NodeJS**, **JavaScript/jQuery, Html** and **CSS**.
* Used Model View Controller framework such as ReactJS, AngularJS, RxJS framework for creating Single Page Application.
* Code Web API methods for security and various widgets by pulling data from SQL Azure and Azure tables.
* Implement the Redis Cache Service on Azure and integrate with Web API to cache user sessions.
* Configured **Jenkins Pipeline** to build deploy the application.
* Worked in the **Agile/Scrum** development environment with frequently changing requirements and actively participated in scrum meetings and reviews.
* Successfully executed the entire test cases and fixed any bugs/issues identified during the test cycles.

***Environment*:** HTML 4/5, CSS 2/3, ReactJS, NodeJS, JavaScript, jQuery, Bootstrap, JSP, AJAX, REST API, JSON, XML, Dreamweaver CS5, Twitter Boot Strap, Adobe Photoshop, Google Polymer, Jenkins, Azure, Kubernetes, Scrum methodology, SVN, Git.

**Client: ITW (Illinois Tool Works), Melbourne Dec 2019 – Nov 2022**

**Role: Sr. UI/UX Web Developer**

***Responsibilities:***

* Worked in a team, Involved in developing the UI, layout and front-end programming (**HTML5**) for **web application** that matches the business requirements.
* Coordination in project activities and ensure that all project phases are followed and documented properly.
* Designed the front-end applications, **user interactive(UI)** web pages using **web technologies** like **HTML5, XHTML,CSS3 ,Bootstrap** and **BackboneJS** framework.
* Developed the applications user interface using **HTML** through **ReactJS**.
* Responsible for creating efficient design and developing User Interaction screens using **Angular, HTML5, CSS3, JavaScript, jQuery, AJAX and JSON.**
* Created Angular components like controllers, services, directives and forms to collect different user data and implemented form validation in Angular.
* Used AngularJS as framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server using SASS, Bootstrap, and AngularJS.
* Using AngularJS created custom directives for data manipulations and to display data in company standard format in UI.
* Implemented the web application using React framework, along with Flux architecture on NodeJS.
* Experienced in developing web applications using latest JavaScript ES6 features and frameworks such as React and Redux.Create complex JIRA work flows including project workflows, screen schemes, permission schemes and notification schemes in JIRA
* Handled UI with AngularJS (MVC framework) to control the page layout.
* Built the reusable service components using AngularJS services with Object Oriented JavaScript, J Query, HTML, CSS3 based on the visual designs.
* Used Bootstrap to create more responsive webpages, which can be compatible with all the browsers and compatible with the different devices.
* Dynamic website design and programming using PHP, MySQL, HTML5, CSS3, JavaScript, jQuery, and Ajax.
* NodeJS to structure JavaScript code in an MVC (Model, View, and Controller).
* Implement modules into NodeJS to integrate with designs and requirements.
* Involved in write application level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Involved in writing SQL Queries, Stored Procedures.
* Worked on JavaScript frameworks (AngularJS, NodeJS) to augment browser based applications with MVC capability.
* Experienced with deployments, Maintenance and troubleshooting applications on Confidential Cloud infrastructure Azure.
* Deploying and managing applications in Datacenter, Virtual environment and Azure platform as well.
* Used **PHP** for **soap** calls to web services and saving files on server side.
* Extensively involved in design discussions and user experience sessions to provide inputs on the **layout and UX**.
* Used **BackboneJS** to structure **JavaScript** code in an **MVC** (Model, View, Controller).
* Developed non-functional **HTML**, **CSS pages** from the **mock ups** and involved in **UI** review with **UI architect** and **Business Units**.
* Designed & implemented CIS REST service as a Windows Azure web role.
* Used Azure Service Bus to deal with high volume of subscription requests.
* Used **XML Web Services using SOAP** to transfer the amount to transfer application that is remote and global to different financial institutions.
* Used **BackboneJS** for developing **lightweight single page** web applications and to achieve Synchronization.
* Did analysis and research about **BackboneJS** and implemented prototype in **BackboneJS** on the profile page module.
* Strong proficiency with **IA/UX** and web usability best practices.
* Experience working on scalable environment in **Agile/SCRUM** methodologies. Prepare test cases using TDD (Test Driven Development) and BDD (Behavior Driven Development) approach on multiple platforms like **Linux, Mac and Windows.**
* Worked with teams where requirements are constantly being implemented, tested and improved.
* Strong experience with **jQuery, AJAX, DHTML** and **JSON**.
* Developed GUI using JavaScript, HTML, DOM, XHTML, AJAX, CSS3 and jQuery in ongoing projects.
* Converted the mock-ups into hand-written **HTML5, CSS (2/3), XHTML, JavaScript, jQuery, AJAX, XML and JSON.**
* Improved user experience by designing and creating new web components and features.
* Involved in complete **SDLC** – Requirement Analysis, Development, System and Integration Testing.
* Worked with Subversion for **check-in** and **checkout unit code**.
* Converted .Net application to Confidential Azure Cloud Service Project as part of cloud deployment.
* Handling platform compatibility issues (**IE, Firefox, and Safari**) on both Windows.
* Used Bootstrap and AngularJS, ReactJS, Rx JS, ExpressJS, MONGO DB and NodeJS in effective web design.
* Managed application state using server and client-based State Management options.
* Coded **JavaScript** for page functionality and **Lightbox plugins** using **jQuery**.

Environment: HTML4/5,Azure,AngularmJS,CSS2/3, JavaScript, jQuery, JSON, REST APIs, SOAP, Waterfall, ReactJS, Backbone JS,PHP, Twitter Bootstrap, Eclipse, ReactJS, Scrum methodology, Git.

**Client: Open Universities Australia, Melbourne Jan 2018 – Oct 2019**

**Role: UI Developer**

***Responsibilities:***

* Involved in all the phases of **SDLC** including Requirements Gathering, Design & Analysis of the Customer Specifications, Development and Customization of the Application.
* Created user interface and navigation structure.
* Implemented page designs in standard-complaint dynamic **HTML** and **CSS**.
* Developed the Front End User Interface using **HTML, JavaScript, jQuery** and **CSS**.
* Created user-friendly GUI interface and Web pages using web development technologies like **HTML, DHTML, CSS** and **JSP.**
* Developed home page web application using **HTML5**, **CSS3**, **JQUERY**, and **Angular**.**js**.
* Created interactive navigation lists using list elements in **HTML.**
* Developed code for Responsive web design in grails and **JavaScript** using frameworks like **BackboneJS** and **AngularJS.**
* Worked with teams where requirements are constantly being implemented, tested and improved.
* Developed and improved application using **MVC** Framework **BackboneJS** and **Bootstrap**.
* Implemented client side validations in registration forms, login and logout forms using **Java Script**.
* Extensively used **JQUERY, JSON, AJAX** and **DOM** scripting to create interactive web applications like message posting and auto complete form validations.
* Written stored procedures and triggers for improving the security, speed and efficiency of the website by using them in several situations like updating tables, adding new member, tracking of modifications database transactions etc.
* DOM is used to parse the xml documents.
* Worked with **jQuery** widgets to create more interactive web pages.
* Responsible in code optimizing and test across browsers.
* Actively participated in meetings with clients to determine website goals and develop strategies.
* Produced content pages with **CSS layout** and style markup presentations and also used JavaScript methods and properties.

**Environment**: HTML/HTML5, CSS/CSS3, Java Script, jQuery, AJAX, AngularJS, Eclipse, JSON, Agile Methodology.

**Client: Ampion (Wipro), Melbourne July 2015 – Dec 2017**

**Role: Web developer**

***Responsibilities:***

* Worked in **Agile** and **Scrum** development environments.
* Designed business applications using web technologies like **HTML** and **CSS** based on the **W3C** standards.
* Interacted with business system analyst to understand the technical requirements of the project.
* Coordinated with Photoshop designers to implement mock ups and the layouts of the application.
* Involved in developing the **UI** pages using **HTML**, **DHTML**, **CSS**, and **JavaScript**.
* Worked with **CSS Selectors**, **classes**, **ids**, **pseudo classes**, Inheritance and **cascade concepts**, **Box model** with **fixed width**, **fluid** & **elastic layouts.**
* Developed web pages with functionalities like **login, register, forget password, Email, Filters using Java Script, jQuery** and **HTML.**
* Used JavaScript to update a portion of a web page thus reducing bandwidth usage and load time in web pages to get user **input** and requests.
* Writing JavaScript for **NodeJS** applications that is useful for interacting with server and network applications.
* Created various web page layouts using **HTML** and **CSS**.
* Designed, developed and updated User Interface Web Forms using **CSS**, **Dreamweaver** and **JavaScript**.
* Coded JavaScript for page functionality and Pop up Screens and used **HTML** to make dropdown menus on **web** pa**g**es and display part of a **webpage** upon user request.
* Involved in writing **SQL Queries**, **Stored Procedures**.
* Responsible in code optimizing and test across browsers.

**Environment:** HTML, CSS, JavaScript, XHTML, DHTML, Dreamweaver, SQL, PL/SQL, MS Office

**Client: Bank of America, India August 2010 – May 2013**

**Role: Software Developer**

***Responsibilities:***

* Designed and developed User Interface Web Forms using HTML, CSS, Dreamweaver, and JavaScript.
* Created various web page layouts using HTML, and CSS.
* Responsible for developing, editing, publishing and managing content on the external web pages and internal portals.
* Validated input values to make sure that they will be accepted before they are submitted to the server.
* Used CSS in web pages to separate presentation from structure.
* Develop and design screen structure using HTML, CSS, and JavaScript and implement Look and feel of various components.
* Used Pagination component of jQuery for navigation and used DOM and AJAX to display page contents.
* Worked on Redesigning the GUI screens, using Struts2 and AJAX.
* Handled Browser compatibility issues for different browsers related to CSS and HTML.
* Used jQuery components for displaying dialog boxes and tables.
* Used jQuery menu component for displaying menus.
* Worked on developing a suitable GUI for ATM locator.
* Participated in daily meeting for enhancing the features for the portal.
* Participated in Code review and Quality Assurance.
* Used JDBC, application server provided transaction API for accessing data from the Oracle the using standard statements.
* Preparation and review of Unit Test Plan, Unit Testing, Test Results review and other quality related work.
* Debugged using Firebug.
* Defined text alignment, size, borders, and many other typographic characteristics.
* Used JavaScript to make dropdown menus on web pages and displayed part of a web page upon user request.

**Environment:** HTML, CSS, JavaScript, Struts, Dreamweaver and Windows XP, Agile Scrum, core Java, J2EE, RAD, WebSphere7.0, Object Oriented JavaScript, PL/SQL, JUnit, JAXB, XML, XSD, XPath, Oracle 9i, Rational Rose, MQ Series, SVN, Maven.

**Educational Details:**

* Bachelor’s in Information Technology, India – 2010
* Masters in Engineering Management, CQU, Australia - 2015