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**Summary:**

* Experience as **front-end developer** in all phases of the end-to-end implementation of **project-requirement gathering, analysis**, **design, development, testing** and **debugging** in various domains such as **telecommunication**, **healthcare** and **e-commerce**.
* Experience in developing **Single Page Application** using modern Front-End frameworks **like Angular**, **Mongo Db**, **Express** and **Node**.
* Experience in implementing **Angular 4** **Components**, **Services, Angular Route guards, such as CanActivate, CanActivateChild** and other features such as **pipes**.
* Strong experience in **AngularJS** implementing **controllers**, **factories, services**, **routeProviders**, building custom **filters** and **directives**.
* Worked with modules like **MongoDB** and **Mongoose** for database persistence using **Node.js** to interact with **MongoDB.**
* Worked with **npm** commands and using **package. json** for managing dependencies and dev-dependencies of **Node.js** applications.
* Strong understanding of object-oriented **JavaScript:** **promise** for handling Asynchronous functions, **ES6** features, **closure properties** and building custom **Prototype functions**.
* Implemented user authentication using **JWT** for performing Server-side validations.
* Experience in implementing **SQL** and **No-SQL database**.
* Experience in web designing using **HTML, CSS,** **JavaScript** and used **Media** **Queries** along with **Bootstrap** for **responsive web design and device compatibility.**
* Experience in using **CSS** preprocessors **SASS** or **LESS** framework to create dynamic style sheets, minimize complexity and avoid duplication in **CSS** styles.
* Good understanding and experience of **fixing cross-browser** and **cross-platform issues** using **Modernizr.**
* Experience in working on **HTML5** new features such as audio, video, footer tags etc.
* Used **Modernizer** to handle **cross browser issues** and **cross platform compatibility**.
* Expertise in testing framework like **Jasmine, Karma** along with **TDD** (Test Driven Development).
* Extensively used **GIT** for version controlling and regularly pushed the code to **GitHub** and used **JIRA** for bug and issue tracking**.**
* Strong understanding and experience in all phases of **SDLC** (**Software Development Life Cycle**) and experience in adopting **waterfall and agile** methodologies along with **Test Driven Development**.
* Capturing the best **development practices** in a way of common coding standards **team of 4 developers** that helped to **decrease code complexity** and improve **maintainability** of the shared **libraries** and **components**.
* Played a key **role** as **UI tech lead** in the team and **mentored** junior UI developers for developing and designing complex UI screens.
* **Strong debugging and problem-solving skills** with excellent understanding of system development methodologies, technique and tools.
* Easily **adaptable** to new work environment and always opt to learn and work on new technologies.

**Technical Skills:**

**Web Technologies**: HTML, CSS, JavaScript, JSON, DOM\

**Frameworks**: AngularJS, Angular 2.0\

**Database**: MongoDB, MySQL\

**Libraries**: jQuery, NodeJS, Chart.js, Express JS, Webpack\

**IDE’s:** Microsoft Visual Studio Code, Notepad++, Sublime, GIT\

**Tools**: Grunt, Gulp, Jasmine, Karma, JIRA, Babel 6, Modernizr\

**Methodologies:** Agile, Scrum, Waterfall\

**Testing Technologies**: Jasmine, Karma \

**Version Control**: GIT\

**Professional Experience:**

**Client: Comcast Corporation**  **July 2019– till date**
**Project: DDoS Service Platform (DSP)**

**Designation: UI Developer**

Comcast Corporation is an American telecommunications conglomerate headquartered in Philadelphia, Pennsylvania. It is the second-largest broadcasting and cable television company in the world by revenue.

**Project description:**

The application developed was for clients in the security department of the telecommunication Industry. In this project we created an application through which Company’s Security clients can track, observe and mitigate the DDoS attack on the company’s network.

**Responsibilities:**

* Implemented web application with **MVVM** architecture using **Angular 8/9.**
* Developed angular 9 pages using **Factory** **design** **pattern**.
* Followed standard practices such as **avoid memory leaks** **by destroying** **observables**, **Immutability**, **Leveraging shared modules**.
* Created **Angular Directives**, **Components**, **Pipes**, **Services** across the whole system, such as to build the custom filter.
* Utilized **Angular Router** to build single page application for navigating through the different status and multiple components.
* Used **Angular CLI** to generate basic structure of applications which allows to jump start the application development.
* Optimized the **Angular** application for better performance by enabling **Lazy Loading**.
* Used **dependency injection** to inject different **Angular Services** like **factory** as well as custom Services.
* Used **Angular Route Guard** to display relevant user’s information, restrict invalid access.
* Implemented **Reactive form validation** for the forms in the modules.
* Implemented nebular library to use customized templates in the project for better User Interface experience.
* Gained Experience with **Node.js** and **REST API** services integration.
* Created scalable **services** using **Node.js** and **JavaScript.**
* Strong proficiency with **JavaScript**, **Node.js** frameworks such as **Express** and gained experience with **MySQL db.**
* Wrote server-side code in **NodeJS** for integration of third-party API into the company's ecosystem.
* Used **JWT (JSON Web Token)** to generate tokens for validating routes, services within the application.
* Consume **RESTful** web service to fetch **JSON** responses from the server side and process the data into required format.
* Provided **SQL scripts** and **SQL stored procedures**for querying the SQL database.
* Wrote **production** **grade** **code** and did **code** **review** for other developers before merging into GIT repository.
* Used **CSS** preprocessors **SASS** framework to create dynamic style sheets, minimize complexity and avoid duplication in **CSS** **styles**.
* Worked for migrating from non-responsive web design to responsive web pages using **CSS3** **media** **queries** and **Bootstrap 3** for device compatibility.
* Extensively used **Git** for version control across common source code used by developers, and **JIRA** as the bug tracking tool.
* Participated in **unit testing** and **integration** testing using **Jasmine** along with **Karma** on **Test Driven Development (TDD)** and followed **Agile** methodology.
* Developed multiple **POC’S (proof of concept)** for finalizing **requirement** and **architecture** for the implementation of mockup screens.
* Worked closely with **business analyst** to **understand requirements** to ensure right set of **UI** **modules** has been developed.
* Involved in regular interaction with product owner, project manager and business team to gather the client’s requirement and convey them my suggestion from technological development point of view.
* Followed 2 weeks sprint, with stories varying from bug fixes to new functionality integration in the application.
* Involved in daily **SCRUM meetings** to keep track of the project status.

**Environment:**  Angular, HTML5, CSS3, CSS3 media queries, SASS, Express.js, MySQL, **RESTFUL,** Node.js, GitHub, Bootstrap, JavaScript, Grunt, NPM, Unit testing, Test Driven Development (TDD), Jasmine, Karma, Agile, Scrum.

**Project: My Account Portal Oct 2018 – June 2019**

**Designation: Front-end Developer**

**Project description:**

The application developed was for Customer of My Account Portal. In this project we created a Portal through which Customer of the service can visualize the information out of data retrieved through the said service.

**Responsibilities:**

* Created a **MEAN** stack application using **MongoDB, Express JS, Angular** and **Node.js**.
* Implemented **observables** to deal with asynchronous data using **Reactive Extensions (Rx JS)**.
* Used **Angular-CLI** to generate basic structure of an application which allows to jumpstart the development.
* Created scalable **services** using **Node.js** and **JavaScript.**
* Worked with modules like **MongoDB** and **mongoose** for database persistence using **Node.js** to interact with MongoDB.
* Worked with **Express.js** for development of **RESTful web services** and middleware configurations.
* Worked with **JSON web tokens** for **authentication** and **authorization** security configurations using **Node.js**.
* Worked with **npm** commands and using **package. json** for managing dependencies and dev-dependencies of **Node.js** applications.
* Implemented **MongoDB** database schema design, store **JSON** format data, and retrieve data from database using **Mongoose.js**.
* Developed Responsive Web Design using **Bootstrap.**
* Worked with the team of **architects** and **back-end Developers** to **gather requirements** and enhance the application functionality and add new features based on business use case.
* Actively involved in **Scrum meetings** and following **Agile development methodology.**
* Designed and implemented UI layout using **HTML5, CSS3, SASS, Bootstrap.**
* Performed unit testing by using JavaScript testing frameworks like **Jasmine with KARMA**.
* Wrote **production** **grade** **code** and did **code** **review** for other developers before merging into GIT repository.
* Designed and developed the application using **Agile** and **Scrum** methodology by breaking down the project into several **sprints**.
* Used **GIT** for version controlling and **JIRA** as project management tool.

**Environment:** HTML5, CSS3, Bootstrap, Angular, JavaScript, Node.js, Express JS, MongoDB, Bootstrap, Jasmine, GIT

**Client: Capita Inc Oct 2014 - July 2016**

**Role: Frontend Developer**

**Project: Customer Management Platform**

**Responsibilities:**

* Implemented web applications with MVC architecture using **MEAN** Stack technologies (**MongoDB, Express JS, AngularJS, NodeJS**) from database.
* Developed application using **Angular JS** **Controllers, Services, Filters**.
* Implemented **Angular JS Controllers** to maintain each view data. Implemented **Angular Service** calls using **Angular Factory**.
* Integrated the AngularJS application with the **RESTFUL Web Services**.
* Worked on the **MVC architecture** of AngularJS in developing the apps, controllers and directives which are totally customized to meet the needs of the application.
* Involved in creating Single Page Application using AngularJS along with **routing, validations, custom directives and filters**.
* Used AngularJS **$http** to perform AJAX calls for creating interactive web pages on JSON response.
* Designed dynamic client-side **JavaScript** codes to build web forms & simulate process for web application, page routing using **Angular Routing (ng-Route)** and form validation using **AngularJS (ng-required) and (ng-dirty).**
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose.**
* Produced **GUI prototypes** for business logic presentations.
* Used **broadcast, emit and on** to communicate between controllers.
* Used **CSS media queries and bootstrap** to make responsive web pages.
* Involved in designing and developing cross-browser web pages using **HTML5, CSS3, JavaScript, jQuery and Angular**.
* Developed multiple **POC’S (proof of concept)** for finalizing **requirement** and **architecture** for the implementation of mockup screens.
* Worked closely with **business analyst** to **understand requirements** to ensure right set of **UI** **modules** has been developed.

**Environment:** HTML5, CSS3, JavaScript, Bootstrap, jQuery, REST APIs, AngularJS, MongoDB, Node, Express JS

**Client:** Aditya Birla Memorial Hospital **April 2013 - Sept 2014**

**Project Title:**  Website Management

**Designation:** Software Developer

Aditya Birla Memorial Hospital is a multi-specialty quaternary care hospital.

**Project Description:**

The project was to maintain the hospital website and enhance its functionality. The website management includes many forms filling webpages like registration modules where patients are asked to fill the form online for appointments, laboratory appointment, doctor’s appointment and order medicines online.

**Responsibilities:**

* Designed the Front-End applications, user interactive (UI) web pages using web technologies like **HTML, CSS, JavaScript, and jQuery**.
* Implemented **AJAX** functionality using **JQUERY, JSON and XML**.
* Designed new classes and functionalities using various **JQUERY components** for CRM application for customer service.
* Developed non-functional **HTML, CSS** pages from the mockups and involved in UI review with UI architect and Business Units.
* Designed **DOM** based interactive to re-engineer selected links and adopted **WCAG** 2.0 standards for **HTML** and **XHTML** with **W3C** standards for CSS as well.
* Wrote **Object Oriented JavaScript** to create modules and extensively debugged with **Firebug** and other debugging tools.
* Developed and designed the various screens and its architecture in **MVC** pattern.
* Tested **cross browser compatibility** issues between multiple browsers.
* Used **Bootstrap** framework for developing responsive UI and supporting multiple devices.
* Handled all aspects of the web application including **maintaining**, **testing**, **debugging**, **deploying** and **printing**.

**Environment:** HTML, XHTML, CSS, JavaScript, jQuery, Bootstrap, JSON, AJAX

**Client: Oorja Technology Ltd June 2012–March 2013**

**Project Title: Commerce Webpage Designing**

**Designation: Front End Developer- Intern**

**Project description:**

Tech Mainstay Pvt Ltd is a startup business providing smart solutions to the clients based on their requirements. The application includes basic modules of E-Commerce website such as login validation, bootstrap, media queries, CSS properties etc.

**Responsibilities:**

* Involved in the **Analysis, System study and designing** of the project.
* Developed login website using **HTML**, **CSS**, **JavaScript**, **jQuery**, **Bootstrap** and **AJAX**.
* Performed **client-side validation** using JavaScript.
* Used **jQuery** to make **AJAX call**, perform **DOM** manipulation and **event handling**.
* Used **bootstrap** to make web pages responsive.
* Created web page layouts using **HTML** and **CSS**.
* Designed, developed and updated the user interface using **CSS** and **JavaScript**.
* Performed client-side validations over the forms using **JavaScript**.
* Used **Cascading Style Sheets** to separate presentation from the structure.
* Used best coding practices and naming conventions while writing code in **JavaScript**, **HTML** and **CSS**.
* Extensively tested the websites, identified the bugs using **Firebug** and fixed them.
* Designed and developed the application using **waterfall Methodology**.
* Responsible for code optimization and testing across other browsers.
* Participated in daily meetings to enhance the modules.

**Environment:** HTML5, CSS3, JavaScript, jQuery, JSON, AJAX, Bootstrap, Web API’s.

**Education**

* **Master of Science (M.S)** in Computer and Information Science (C.I.S).
* **Bachelor of Engineering (B.E)** in Information Technologies