Elangovan Kesavan

Cell no: 609 997 6383

Email id: mern.mean.tech@gmail.com

Visa : USC

Summary:

* Extensive experience as a Front-end Developer in Angular JS and React Js, involved in analysis, design, development and testing of web applications in various industries like Telecommunication, E-commerce and Education.
* Expertise in developing end to end applications using MongoDB, Express JS, Angular 4.0/2.0/1.x, React js, Node JS, along with JavaScript, Typescript and jQuery.
* Rich experience developing web applications using AngularJS, Angular 4.0/2.0 and React js extensive features for loading views in a Single Page Application and implement MVC framework.
* Experience in creating single page application using Angular 4 APIs like HTTP Client, Router, Observables, rxjs Subject, Services, Reactive forms, Http Interceptor, Route guards.
* Hands-on experience of using Angular 4.0 Components, Directives, Pipes, Reactive/ Template Driven Forms, Router to implement various functionalities, along with Guards to protect routes.
* Experience in using React JS along with Redux for creating reusable UI components.
* Involved in using React JS components, Forms, Events, Keys and Router.
* Built reusable class components using React Redux based on the visual designs.
* Extensive experience in developing interactive applications using HTML5/4, CSS3/2, CSS3 Media Queries, jQuery, AJAX, JavaScript, Vanilla JavaScript and DOM manipulation along with advanced JavaScript concepts, such as Closure, Promises, Prototypes, scope chain, ES6/ES7 and async/await.
* Proficient in working with CSS preprocessors like LESS/SASS and used Bootstrap v3 for developing responsive web pages.
* Hands-on experience of Document Object Model (DOM) and DOM Functions in web browsers and developing practice with jQuery in various UI widgets.
* Experience of designing and creating REST APIs. Strong experience of creating REST APIs in Node.js, Express JS as a Middleware and mongoose as ODM to perform database operations with MongoDB.
* Hands on experience implementing server-side authentication using JSON web token.
* Experience in dealing with cross browsers compatibility issues using Modernizr and Webshim.
* Excellent knowledge of working with features of ES6/ES7, along with transpilers such as Babel and Traceur.
* Extensive Web API experience in creating and consuming RESTful API and testing web services using Postman.
* Used testing tools like Jasmine and Karma in Test Driven Development (TDD) environment.
* Experience using Project management tools like JIRA as bug tracking tool, GIT as Version Control System along with Jenkins for Continuous Integration/Continuous Deployment (CI/CD).
* Experience using SCRUM / Agile methodology for the software development process.
* Detail-oriented developer with the ability to handle multiple tasks and work efficiently in the latest technology stacks.

TECHNICAL SKILLS:

Programming Languages Server-Side Technologies

JavaScript Node.js 4.4.6, RESTful Service

UI Technologies Other

Angular 6/ 4/2, AngularJS 1.5.5, React Js v16, Jasmine 2.5.0 with Karma, GIT, Bitbucket

Redux, HTML 5/4, CSS3/2, SASS, LESS, JIRA, NPM, Gulp, Grunt, Webpack, TDD

JavaScript, ES7/6, ES5, Bootstrap 4.0/3.0, (Test Driven Development), Postman,

AJAX, ExpressJS 4.14.0, jQuery, Require JS Augury, Modernizr

Databases Design Patterns

MongoDB 3.2.6 Dependency Injection, Singleton, MVC,

IDE Tools Operating Systems

Eclipse, WebStorm, Sublime, Visual Studio Windows XP/Vista/7/8/10, UNIX, LINUX

Code

Professional Experience:

Moody’s, NYC, NY  Oct’18 – Till Date

MERN Stack Developer

Description:

Verizon Wireless is a telecommunications company which offers wireless products and services. It is a global leader delivering innovative communications and technology solutions that improves the way customers live, work and play.

Enhanced customer engagement program (ECE) is a collaborative effort across wireless channels to enable an AI powered, conversational Chabot experience for wireless customers calling the care centers.

Responsibilities:

* Developing single page application using Angular v6.0/4.0 and React for ECE- Nextgen application to give better user experience.
* Actively studied User Requirement Specification documents to clear ambiguity by requesting insufficient information.
* Working with Angular 6.0/4.0 and TypeScript to implement Single Page Application using Modules and Components.
* Implemented route Guards to protect routes for the Angular 4.0 application which helped achieving better security.
* Used HTTP Interceptor to efficiently attach authentication tokens for all requests going to the backend.
* Achieved better and efficient performance by building services to share data in between components and for consuming APIs.
* Used HTTP Client Module for consuming back-end APIs and used Observables and Promises to deal with asynchronous data.
* Supported and implemented web application built on MERN Stack.
* Experience in creating React Js v16 web pages with JSX, React nesting components and Virtual DOM manipulations with Redux v6 architecture.
* Utilized React Router to reduce render function complexity and improve code base scalability.
* Used Redux promise in application to asynchronously fetch and send data from back end perform RESTful web services.
* Involved in developing RESTful web services using Node JS and Express JS frameworks.
* Designed dynamic and multi-browser compatible Web pages using HTML5 and CSS3.
* Worked on migrating non-responsive web design to responsive web pages using CSS3 media queries for device compatibility.
* Working in a Test-Driven Development environment and following agile methodology.
* Actively participated and provided feedback in a constructive and insightful manner during daily SCRUM meetings to track the progress for each iterative cycle and figure out the issues.
* Working on a POC related to service change module for reducing clicks and redesign the component.
* Working with project management tools like JIRA for bug and issues tracking and Jenkins for CI/CD.

Environment:

HTML5, CSS3, Angular 6/4, React v16, Redux, JavaScript, Typescript, jQuery, AJAX, JSON, NPM, JIRA, TDD, Agile/Scrum

Fidelity, NYC, NY Mar’18– Sep’18

Project: Test Operation Management System

MEAN Stack Developer

Description:

ETS is one of the largest non-profit organization which provides educational testing services and statewide assessments across the US and administers 20 million exams in other countries.

The test operation management system is a client facing web application which manages administrative functionalities like adding new authorized users and managing services related to exams. It contains modules like organization, student, order, test delivery system and online reporting system - to generate students’ reports and conduct the exams. The local scoring tool is used by the local educational agency (LEA) which uses raw scores to calculate ELPAC scale scores and generate the reports.

Responsibilities:

* Implemented web applications using technologies- MongoDB v3.2.6, Express JS, Angular 4/2, NodeJS v8.9.4.
* Worked with Angular 4/2 using TypeScript to implement Single Page Application.
* Built the reusable components using Angular 4/2 based on the visual designs. Used NodeJS and ExpressJS for making server requests.
* Utilized Angular-CLI to generate components, routes, services via commands to develop Single page applications using Angular2.
* Used observables, subjects to deal with asynchronous data using Reactive Extensions (rxjS).
* Implemented route Guards to protect routes for the Angular 4.0 application which helped achieving better security.
* Used HTTP Interceptor to efficiently attach authentication tokens for all requests going to the backend.
* Implemented forms using Forms Module and used Angular properties of forms like $valid, $invalid, $pristine. $dirty, $touched for performing client-side validation.
* Used HTTP Client Module for consuming back-end REST APIs.
* Designed dynamic and multi-browser compatible Web pages using HTML5, CSS3 and Bootstrap.
* Worked on migrating non-responsive web design to responsive web pages using CSS3 media queries and Bootstrap 3 for device compatibility.
* Developed REST services using Node-JS, Express-JS, Body-Parser, and Mongoose CORS to serve the web application with JSON data.
* Worked with NoSQL database MongoDB and used Mongoose ODM to perform database operations.
* Performed unit testing using Jasmine along with Karma in Test Driven Development environment and followed agile methodology.
* Worked on project management tools like JIRA for bug and issues tracking and Git for version controlling along with Jenkins for CI/CD.

Environment:

HTML5, CSS3, Angular 4/2, JavaScript, Typescript, jQuery, AJAX, Restful API, JSON, Bootstrap 3, MongoDB v3.2, Express.js, Node.js v8.9, SASS, Jasmine, Karma, NPM, JIRA, TDD, Agile/Scrum

NY Life in New York, NY May’16-Feb’ 18

Project: Retirement Plan-Agent Portal

MEAN Stack Developer

Description:

Valley National bank is one of the most trusted and respected banks in the industry that offers services such as banking, insurance, loan, and investment banking.

Retirement plan-agent portal is re-engineering of existing portals using the latest MEAN stack technologies and advanced features. The portal offers services to an agent by which agents can manage customer details like view/edit customer information, customer’s payment history, form to add new customers based on category of retirement plans, interactive dashboard to view overall progress of customers, update customer’s budget, notifications and appointment management.

Responsibilities:

* Involved in building MEAN stack application for developing Single Page Application for creating dashboard and other functionalities.
* Created various controllers, custom directives and templates using JavaScript and AngularJS to build MVC architecture for web application.
* Extensively used AngularJS Routing and $location service for navigating through the different controllers and templates.
* Used $emit, $broadcast and $on for different controllers to be notified for various events.
* Designed and implemented UI layout using HTML5, CSS3, SASS, Bootstrap.
* Achieved better and efficient performance by building services to share data in between controllers and for consuming REST APIs.
* Created restful APIs in Node JS using Express JS along with Mongoose node module to insert, read and update data in MongoDB database.
* Used RequireJS to implement lazy loading for optimizing the performance of the AngularJS application.
* Designed and developed the application using Agile methodology by breaking down the project into several sprints.
* Used Jenkins for Continuous Integration /Continuous Deployment (CI/CD).
* Used GIT for version controlling and JIRA as project management tool along with Bitbucket.
* Worked closely with business analysts to understand the requirements to ensure that the right set of UI modules has been developed.

Environment:

HTML5, CSS3, AngularJS, JavaScript, jQuery, Bootstrap 3.0, Node.js 4.4.6, Express.js 4.x, MongoDB, Mongoose, RESTful Web Services

Mizuho Group, NY Dec’14-Nov’15

Project: Online Telecom Portal

Web Developer

Description:

Bharat Sanchar Nigam Limited is a major communication service provider in India amongst various telecom services such a wired/wireless landline and internet services, prepaid and postpaid mobile services and roaming and international services for customers.

The aim of the project was to create Telecom Web Portal which is mainly used by the customers to get online access to customer services. Main modules of the project were mobile, landline and Broadband services, online recharges, payment gateways and customer service support. The application allowed the user to register to the portal and access all the services.

Responsibilities:

* Responsible for developing UI pages using AngularJS, HTML5, CSS2, JavaScript, jQuery, AJAX and JSON.
* Developed responsive web pages for smart devices using Bootstrap and media queries.
* Used AngularJS as a framework to create Single Page Applications which can bind data to specific views and synchronize data with the server.
* Worked on creating login authentication modules using AngularJS and JavaScript.
* Extensively worked on custom directives with Pop-over and Pop-up functionalities with specific requirements matched to the conditions.
* Used UI Router to create different hierarchy structures in a single page application.
* Created custom directives and filters using AngularJS built-in $http service from controller through dependency injection.
* Created Angular service and integration with RESTful APIs.
* Used Angular $http to send GET/POST requests to fetch data from the server.
* Used an open source library like Angular material to create customized components.
* Worked with Karma and Jasmine, supporting the QA team to debug and write tests.
* Active participation throughout the entire SDLC from project inception, code development and elaborate testing of various modules.
* Involved in the Agile/SCRUM process, attending daily stand ups and completing tasks in sprints.
* Maintained the code using a version control system like Git.

Environment:

HTML5, CSS2, JavaScript, Bootstrap-3, AJAX, JSON, AngularJs 1.5.5, Node.js, Express.js, GIT, Chrome Developer Toolbar, Jasmine 2.x, Brackets, Atom

JB Hunt, TX May’13- Nov’14

Project: HR Web Portal

Web Developer

Description:

Software Solutions is a value driven, customer focused, fast growing IT firm established at Indore, MP. It provides custom software development service in domains like, health and fitness, legal and law with excellent track record with their clients.

The HR Web Portal is an in-house project. It is re-engineering of the existing project, which allows the HR manager to manage all employee details of the company. Managers can generate reports of each employee including their performance, pay, time tracking and attendance management.

Responsibilities:

* Responsible for understanding functionality at client side, requirement analysis and knowledge transfer.
* Involved in developing the UI pages using HTML, CSS, ​ ​JavaScript, ​ ​JSON, ​ ​jQuery ​and Ajax​.
* Used jQuery core library functions for the logical implementation part at client side for all the Web Application.
* Developed Page layouts, Navigation and presented designs and concepts to the clients and the management to review.
* Worked alongside backend Java programmers to troubleshoot JavaScript related issues with front-end connectivity and implemented client-side validations using JavaScript and used JSON for data retrieval.
* Implemented AJAX to speed up web application. Involved in writing application level code to interact with APIs, Web Services using AJAX, ​ ​and JSON​. ​

Environment:

HTML, CSS, JavaScript, jQuery, JSON, AJAX, DOM, Visuals Studio Code

EDUCATION:

* Bachelor of science - Chemistry
* Higher Diploma in Software Engineering