**PROFESSIONAL SUMMARY**

* Over 6 years of extensive experience years in designing and development of UI, Mean Stack, Full Stack applications using wide variety of technologies like Angular, React JS, Node.js, Express JS, Web Services, SQL & NoSQL Databases, Swagger etc.
* Experienced in a fast-paced Agile Development Environment including Test-Driven Development (TDD) and Scrum.
* Hands on experience in building projects using popular IDEs such as Spring Tool Suite (STS), Eclipse and IntelliJ. Extensive experience as a User Interface/Front End Developer in developing web applications using HTML, XML, CSS, JavaScript, Typescript, jQuery, AngularJS and React JS.
* Hands on expertise in front-end development using HTML/HTML5, CSS/CSS3, JavaScript, XML and JavaScript frameworks such as jQuery, AJAX, JSON.
* Advanced development experience with latest JavaScript frameworks like React JS, Angular, AngularJS, Express JS, Node JS, Require.js, D3.js, ES5 and ES6.
* Experience in developing web pages which are Cross-Browser compatible.
* Hands-on experience in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Good understanding of ES6 and other language features in the upcoming editions of the ECMAScript specification.
* Experienced in using version controls like SVN and GIT effectively.
* Good experience in using various project management tools like JIRA and Version One mainly for AGILE project management.
* Experienced in writing solid test cases using Karma, Jasmine, Mocha, Chai, etc.
* Experience in using databases like MySQL, Postgres and MongoDB.
* Have a strong understanding of blockchain technology, its capabilities, and its potential impact on various industries.
* Good Knowledge on Blockchain Programming Languages like Solidity and on L2 solutions for scaling Ethereum.
* Passionate about blockchain and its associated technologies, demonstrating a keen interest in the potential of these emerging fields and a commitment to staying up to date with the latest advancements and trends.
* Acquired proficiency in Solidity through self-directed learning on the online learning platform Udemy.
* Worked in both Waterfall and Agile based development environment participating in SCRUM sessions.
* Exposure to various SDLC models like Waterfall, Test Driven Development, Agile & Scrum.

**TECHNICAL SKILLS**

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| --- | --- |
| **MERN Stack** | MongoDB, Express.js, React, Node.js |
| **Front-end** | HTML, CSS, JavaScript, React, Redux, AngularJS |
| **Back-end** | Node.js, Express.js, MongoDB, MySQL, PostgreSQL, GraphQL |
| **Serverless** | AWS Lambda, Azure Functions, Firebase Functions |
| **APIs** | REST, GraphQL |
| **Tools** | Git, Webpack, Babel, NPM, Yarn, Docker, Jenkins, Travis CI |
| **Testing** | Jest, Mocha, Chai, Enzyme, Cypress |
| **NoSQL database** | MongoDB, Cassandra |
| **Deployment** | Heroku, AWS, Azure, Digital Ocean |
| **Security** | JAXB, Apache Axis, DOM |
| **Other** | Agile, RUP, TDD, OOAD, SDLC |
| **OS & Environment** | Windows, Win 2k Server, UNIX, MacOS, Amazon Linux, Ubuntu |
| **Design Patterns** | Singleton, MVC, Prototype |

**PROFESSIONAL EXPERIENCE**

**Client: Gemini | Troy, NY Oct 2021 – Till Date**

**Project Name: Health Care Management Platform**

**Role: UI/React JS Developer**

**Project Description** The application is developed to assign health care programs to employees, add new employees, view employee dependents, and all other related information. Each employee is assigned to a health care program and the User interface gives more flexibility to add new employees and assign programs.

**My Responsibilities**

* Developed various screens for the frontend using React JS and used various predefined modules from NPM (Node Package Manager) and Redux library.
* Developed multiple POCs to create an interface between Backend and Frontend by using MongoDB, Express JS, React and Node.js.
* Performed CRUD operations and Data Migrations in the Mongo Database using mongoose
* Worked closely with business system analysts understand the requirements to ensure that right set of UI modules been built.
* Worked in developing consuming the RESTFUL web services
* Created REST API using Node.js combined with Express.js and authenticated using JWT tokens
* Enhanced authentication flows with Google OAuth authentication.
* Used reactive forms to validate form data in the front-end and also use ZOD validator in the back-end and front ends as well.
* Extensive use of Grunt and Gulp as a build tool for minifying the code in JavaScript.
* Extensively used D3.js to visualize customer information in bar diagrams, pie-diagrams.
* Developed unit test cases using Jasmine and Karma within Test Driven Development (TDD).
* Used Agile scrum for the development process.

Environment: HTML5, CSS3, JavaScript, jQuery, React, Redux, Redux Form, Node.js, MongoDB, D3.js, TDD,

Jasmine, Karma, Grunt JS, Sublime, Git, Agile Methodolog.

**Kaiser Permanente, Pleasanton, CA Jul’18-Present**

**Role: Full Stack (MEAN/MERN) Developer**

**Description:** Worked on various projects for kp.org, including but not limited to Coverage and Costs, Deductible Tracker/Out of Pocket Maximum, Membership ID Card, Member Transition, Benefits Summary, and other related initiatives.

**Responsibilities:**

* Involved in the analysis, design, and development and testing phases of Software resulting in multiple stable releases and more efficient systems. backend APIs with JSON.
* Worked on Multiple projects consisting of different technologies, some with **Angular** and some with **React** and some have Node JS as backend and some Java Spring boot.
* Used Core Java concepts along with Spring boot to build BFF applications.
* Used Node JS, Express JS, and Mongo DB along with Mongoose to create server-side applications.
* Designed and documented REST/HTTP APIs, including JSON data formats and API versioning strategy.
* Used **React** to manage UI by dividing the website into different components.
* Used Advanced techniques of webpack for faster build and optimized packages.
* Designed and coded customized React components to interact with the backend API and server components.
* Extensive experience in working with **Redux** as a state management library for React applications.
* Proficient in setting up and configuring the **Redux store** to manage application state effectively.
* Successfully handled various **ADA issues** across multiple browsers and devices.
* Done client-side form validations, generating cookies, validating the user.
* Used **Adobe Experience Manager** (CMS) to publish content for different regions, languages, for different environments.
* Developed applications which can be easily used by visually impaired people using ADA standards.
* Developed Restful-based web services and used JSON as the communication for REST mechanism.
* Developed & Consumed **RESTful** Web Services.
* Used Adobe DTM to manage tags and collect data for Adobe Analytics.
* Integrated AEM with Adobe Analytics.
* Improved the Performance, Availability of an Application’s Database by using NoSQL Database such as Mongo DB.
* Successfully handled cross-browser compatibility in different browsers like Safari, Internet Explorer, Firefox and Chrome.
* Used **React Router DOM** to manage all the routes to the application.
* Responsible for designing SPAs with using React as a Library along with HTML and CSS.
* Used Karma and Jasmine for automated tests along with using **Maven** and **Jenkins** for automated tasks.
* Used Jenkins - **SonarQube** for test coverage and made sure the coverage is greater than 85% throughout the application.
* Used **GraphQL** to get data from the backend for some of the API’s, aka BFF’s.
* Migrated from **IBM Bluemix** to **Microsoft Azure** for running the backend Node JS application.
* Used **Kubernetes** (Kubectl commands) to manage instances.
* Got a chance to work with Java Spring boot application when KP management decided to go with java instead of Node for future applications.

**Environment**: HTML5, CSS3, JavaScript, SAAS, React JS, Node JS, Adobe Experience Manager, Angular, Java, GIT, Jenkins, SonarQube, Maven, REST services, Babel, Mocha, Jasmine, Postman, MongoDB, Azure, GraphQL, Kubernetes.

**Education: Master of Science in Software Development**

**Language known: Mandarin**