

# Sumit G

## Front End Engineer

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### PROFESSIONAL SUMMARY:

- 8 Years of professional experience in Designing and Developing Responsive Web Applications using **JavaScript Framework like React and Angular.**
- Extensive experience of designing and developing web applications with the **JavaScript, TypeScript, React, Angular, Redux, HTML, CSS.**
- Experience in **Agile** software development methodology and Test-driven development (**TDD**).
- Good knowledge with the latest industry trends in UI design, Responsive Web Design, Bootstrap.
- Extensively used **HTML5, CSS, BOOTSTRAP, React, ANGULAR JS** and created **Single Page Applications (SPA).**
- Extensive experience of web services, rest API testing using Rest, Restful API, Insomnia, Swagger and Postman.
- Used various Angular custom directives and developed reusable components and templates that can be re-used at various places in the application.
- Accessibility Guidelines (WCAG) and ability to apply W3C web standards with great craftsmanship.
- Used CSS Sprites to decrease the number of HTTP requests and increase the efficiency of web pages
- Experience in understanding Document Object Model (DOM), DOM Functions and Implementation of user-centered design (UCD) methodology.
- In-Depth knowledge/Experience of Web 2.0, JavaScript, JQuery, CSS3, W3C Standards.
- Expert in using JSON (JavaScript Object Notation) a lightweight data-interchange format to build collection of name/value pairs and ordered list of values.
- Experience in working with third party web services APIs and Web Services
- Knowledge of developing UI web applications using React and calling the Rest API's. React, Node-JS, creating Web services components of Restful Web services to interact with UI Interfaces using REST API with Nodejs and installing client-side dependencies.
- Actively participated in Agile development process and attended daily stand-up meetings, sprint planning sessions, and retrospectives.
- Used Git for version control and collaborated with other developers using pull requests and code reviews.
- Used modern front-end build tools such as Webpack, Babel, and Gulp to optimize development workflows and improve code quality.

### TECHNICAL SKILLS:

|                       |  |
|-----------------------|--|
| Operating Systems     | Windows XP/7/8/10, Mac OS X  |
| Web Technologies      | HTML/HTML5, CSS/CSS3, SASS , DHTML , XML , XHTML , XSLT, JavaScript , AJAX , JSON , Expressjs , Apache , DOM, Flux , Redux , |
| Programming Languages | JavaScript, TypeScript, Ajax, SQL, JAVA, Spring boot, Python, Nodejs   |
| UI Frameworks         | React, Angular,  |
| Testing               | React testing library, Enzymes, Jasmine  |
| IDE, Editors          | VSCode, Eclipse IDE, Notepad++, Net Beans IDE, Adobe Dreamweaver, Brackets, WebStorm, Photoshop.                             |
| Database              | Oracle 11g/12C, My SQL, Snowflake, GraphQL, MongoDB  |
| Debugging Tools       | Firebug, Bugzilla, Chrome Developer Tools, Redux Dev tool, React Developer tool, Augary                                      |

|                 |   |
|-----------------|---|
| Tools           | Postman, Insomnia, Jenkins, CI/CD, AWS, Docker, Restful Web services, Agile Methodology, NPM, YARN, WebPack |
| Version Control | Git, Bitbucket, Azure   |
| Web Servers     | HTTP Web Server, Apache Tomcat, Web logic, Web Sphere   |
| Methodologies   | Agile, Scrum, TDD, SDLC   |
| Browsers        | Firefox, Chrome, IE, Opera, Safari  |

### **EDUCATION DETAILS:**

Bachelors in CS From Pune University

Masters in CS From University of Cincinnati

### **PROFESSIONAL EXPERIENCE:**

**Client: Ernst & Young LLP**

**Jan'2021 -Till Date.**

**Role: Front End Developer.**

**Sub Client: Kaiser Permanente**

#### **Responsibilities:**

- Implemented the project according to the Software Development Life Cycle SDLC and programming by using fast paced agile methodology, involving task completion, user stories, and iterations.
- Developed a Chatbot and Medication recommendation application to assist patients and doctors.
- Working closely with business-side clients to deliver attractive, easy-to-understand screens that appropriate reflected the application fulfilment workflow.
- Following Agile Methodology for the SDLC of the project & involve in daily stand up meetings.
- Developing Single Page Application using JSX, TSX, React and Redux.
- Using Redux thunk as Middleware to coordinate and trigger asynchronous actions.
- Creating React.JS / Redux front-end UI for faster compilation and developing reusable components with well-defined interfaces and java spring applications for backend.
- Hands-on experience in using ReactJS components, Forms, Events, Keys, Router, Animations and Redux concept.
- Developing web applications for loading views in a Single Page Application (SPA) and implement an MVC framework.
- Implemented Axios interceptor to see if the user has a valid token or a new refresh token has to be granted for the new API request made.
- Setup Husky, ES-linting and Prettier for the project so that number of errors can be reduced, and indentation remains the same across all the developers.
- Predominantly working on UI web applications using HTML5, CSS3, JavaScript, XML, JSON, React JS and Restful API'S.
- Used media query for smoothly transitioning to the Mobile screen view.
- Implemented JWT authentication and refresh token for seamless and secure login and logout experience.
- Developed responsive and reusable components for user interface following accessibility standards (WCAG) and design guidelines, ensuring all cross-browser and multi-platform compatibility.
- Wrote Postman tests for over 40 REST API end points to maintain data integrity.
- Conducted Unit testing on 20% of application components using React testing library.
- Implemented Redux Toolkit for managing the state of the application and Redux thunk for asynchronous operations.

**Sub Client: Fidelity Investments, NY**

#### **Responsibilities:**

- Contributed as a Full-Stack Developer for migrating the Microsoft Access application to a web-based application.
- Daily coordination between onsite-offshore and attending meetings for requirement gathering, Sprint planning, Sprint retrospective meetings with client.

- Implemented MySQL and Snowflake Stored Procedure and Unit tested the store procedure using UT/PLSQL.
- Implemented pl/sql scripts views, triggers dynamic views, store procedures.
- Deployed the stored procedures to higher environment using Jenkins CI/CD pipeline.
- Used Angular 11 to develop the user interface, worked on agGrid tables. Unit tested the components using Jasmine.
- Troubleshoot and debugged issues related to the API and frontend, utilizing tools like Postman and the browser developer console.

**Environment:** React, Angular, Redux Toolkit, Javascript, TypeScript, HTML, CSS, SCSS, Java, Spring boot, MySQL, Snowflake db, Jira, Swagger, Postman, Insomnia, Azure.

**Client:** SAP Labs, CA

**Sep'19-Dec'20**

**Role:** Front End , Developer

**Responsibilities:**

- Requirement Gathering tool is a Visual Studio Code extension that helps accelerate development of the SAP ERP application.
- Collaborated with a team of developers, designers, and project managers to ensure the timely delivery of high-quality software.
- Built 60% of reusable responsive components such as custom buttons, message toast, Dialog Box, and collapsible side panels.
- Employed Redux for state management, improving the efficiency of the application by centralizing application data and minimizing unnecessary API calls.
- Experience of working on CSS Pre-processors like SASS/SCSS and Bootstrap to build responsive web pages.
- Used Node.js for Node Package Manager (NPM) for building the Project.
- Implemented Lazy loading for the performance heavy components to improve the user interface rendering speed.
- Developed zoom-in and zoom-out functionality for the application playground and also incorporating collapsible panels.
- Implemented GraphQL to provide a more efficient and flexible API endpoint, enabling clients to request only the data they need.
- Created GraphQL schemas and Implemented API endpoints to handle Create, Read, Update, Delete operations along with Duplicate operation. And used Redux Thunk as Middleware to coordinate and trigger asynchronous actions.
- Utilized Git for version control, maintaining a clean and organized codebase throughout the development process.
- Implemented Unit testing modules using Jest, Enzyme for react components to make application development process robust.

**Environment:** TypeScript, React, Redux, Node, GraphQL, Enzymes, HTML5, Github.

**Client:** Larsen & Toubro Infotech, India

**Aug'15-Feb'18**

**Role:** Software Developer

**Responsibilities:**

- Developed fully functional responsive web application based on Business Requirements using HTML5, CSS3, JavaScript (ECMAScript 6).
- Coordinated with over 15 business stakeholders to get the updated CSV files.
- Worked with NoSQL database like MongoDB installation, configuration and in designing MongoDB multi-shared cluster and monitoring with MMS.
- Built RESTful API server to achieve CRUD operations for posts using Jersey, JAX-RS, JSON, spring REST using MERN stack (Mongo DB, Express JS, React JS, Node JS) Technologies.

- Work one-on-one with client to develop layout, color scheme for his website and implemented it into a final interface design with the HTML5/SASS & JavaScript.
- Learned React and Typescript, went on developing various features under minimal supervision.
- Implemented Web Application for converting more than 70 CSV files with diverse internal structure into a single JSON file.
- Involved in handling of Jira issues including data inconsistencies, bug tracking and monitoring.
- Implemented Splunk for monitoring performance of the application.
- Github is used to tracking and maintain different versions of the project.
- Implemented the functionality the download functionality to download the generated JSON file.
- Automated the report to check for errors in the CSV files. Delivered the JSON file, minimizing the file size up to 50-60%.
- Deployed the application to Azure cloud and worked on various Azure Container Services like container registry using Docker and Storage services.
- Used VSTS to drive all microservices builds out to the Docker registry and then deploy to Azure Kubernetes Service.
- Implemented Apache Kafka for distributed publish-subscribe messaging system that is for alerting and reporting on operational metrics to Kafka producers and consumers.
- Migrated application portal information and processes to more efficient solutions.
- Implemented REST/OData services to connect the EJB code to frontend on SAP HANA.
- Generated compact reports at 80% less time than the previous portal applications.
- Integrated 8 distinct applications for successful completion of any end-to-end transaction process.

**Environment:** JavaScript, HTML, CSS, AJAX, Bootstrap, XML, MySQL.