SANDEEP KAUR

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Visa   : GC

PROFESSIONAL SUMMARY

- ✓ Having **7 years** of professional experience as **Front end** and **Full Stack Developer** using **MERN** (**MongoDB**, **ExpressJS**, **ReactJS**, **NodeJS**).
- ✓ Worked with Functional **Programming**, **Object Oriented programming** and other **paradigms** with **JavaScript** – **ES5/ES6/ES7/ES8**.
- ✓ Good understanding of **functional programming** - pure **functions**, function **composition**, currying, immutable **objects**, **declarative programming**.
- ✓ **Utilized React Native libraries** like React Native Elements or NativeBase for pre-built UI components and enhanced development speed.
- ✓ Experience with **ReactJS** reusable components, **React-Router** for developing **SPA**, **JSX** for templating and worked with **props, state, keys, refs, events, props validation** and React **component life cycle** for state management and DOM manipulation.
- ✓ Experience with **React hooks** - **useState, useEffect, useContext, useMemo, useRef and useReducer.**
- ✓ Used **Redux** for State Management using **Store, Actions** and **Reducers**. Used **pure functions** to create reducers.
- ✓ **Implemented simple animations** and transitions using React Native's Animated API or third-party libraries to enhance user experience.
- ✓ Created **SPA** using **React-Router** - Used **BrowserRouter** for Web and **NativeRouter** for **mobile**.
- ✓ Experience with **NodeJS, ExpressJS, MongoDB, lodash, promises, async, reque**
- ✓ **st, body-parser, fs, events, Socket.IO, Passport, Mongoose and Redis** for caching**.**
- ✓ Extensive experience with **JavaScript (ES5/ES6/ES7/ES8)** – **closures**, **scope**, **promises**, **function** expressions, hoisting, **prototypes**, block **scoping**, arrow **functions**, **rest** and **spread**, **classes**, modules, **async** and await and Patterns.
- ✓ Good understanding of design patterns – **IIFE, Module, Revealing Module, Prototype, Revealing Prototype patterns.**
- ✓ Proficient in **HTML5** new features like Form **Validation**, **Media (Audio & Video), Canvas, SVG, Web Worker, Local Storage, Session Storage, Web Socket, Application Storage (Offline) and IndexedDB API.**
- ✓ Experience in UI designing with **Bootstrap, Media Queries, Fluid Layout, Responsive Images, Typography, Google Analytics, Google Performance Metrics, Lazy loading, CSS3** preprocessors like **SASS, JavaScript and JQuery** scripting technologies.
- ✓ Experience with **SVG** and **Sprites** and worked with icon-set **Font Awesome**.
- ✓ Experience in **JavaScript** and **node unit** testing library framework such as **Mocha, Chai, Jasmine, Karma, Jest and** used **Nightwatch.js** for Automation Testing**.**
- ✓ Experience with **Grunt, Babel and Webpack** transpiling, bundling, minification, compilation and linting and **ESLint** for code cleaning.
- ✓ Worked on **CI/CD** with **Jenkins, Git** and **Docker**.

Education: B.tech , Rayat-Bahra Institute of Engineering & Nano Technology ,Hoshiarpur,Punjab

TECHNICAL SKILLS

Web Technologies	HTML4/HTML5, CSS2/CSS3, SASS, XML, Bootstrap, JavaScript (ES5/ES6/ES7/ES8), jQuery, NodeJS, ReactJS, Ajax, ExpressJS, JSON, Jasmine, MongoDB, React Native.
Tools and IDEs	Visual Studio Code, Notepad++.
Application Server	NodeJS
Version Control	GIT
Operating System	Windows, Linux and Mac OS
Programming languages	JavaScript, Python
Database	SQL queries and MongoDB.
Libraries	ExpressJS, Request, jQueryUI, ReactJS, Lodash, Async, Google Fonts, Socket.IO, Mongoose, Google Maps Api, React Native.

PROFESSIONAL EXPERIENCE

Autodesk, SFO,CA   **July 2023 to Present**

Full Stack Developer

Description: Autodesk, Inc. is an American multinational software corporation that creates software for the architecture, engineering, construction, manufacturing, media, and entertainment industries. The main goal of the project was to modernize and upgrade the existing system by replacing the legacy JSF framework and SOAP-based services with a more efficient MERN stack, supported by Python for backend processing. The frontend was developed using React.js, ensuring a dynamic and responsive user interface, while the backend leveraged Node.js and Express.js to build RESTful APIs, providing secure and scalable data handling. Additionally, a mobile application was developed using React Native, facilitating seamless integration across both web and mobile platforms. The project also included setting up CI/CD pipelines for automated testing and deployment, enhancing overall development efficiency and ensuring consistent, high-quality releases.

Responsibilities:
- ✓ Developed and maintained a subscription Management Dashboard using **MERN stack** (MongoDB, Express.js, React.js, Node.js) and **Python.**
- ✓ Conducted thorough **testing** with **Mocha** and **Jest** to ensure high code quality, reliability, and robustness.
- ✓ Established a robust **CI/CD pipeline** for automated **build**, **test**, and **deployment processes**, enhancing development efficiency.
- ✓ Utilized **GitHub** for **version control**, ensuring collaborative and organized codebase maintenance.
- ✓ Employed **Docker** for **containerization**, streamlining deployment processes and ensuring consistency across environments.
- ✓ Created and maintained a web and mobile-based application for Customer Service Representatives to track and manage service requests.

- ✓ **Developed mobile applications** using React Native, implementing key components such as View, Text, Button, and TextInput to build user interfaces.
- ✓ Enabled seamless submission and processing of private banking credit applications within the application.
- ✓ Utilized **Python** for backend development, ensuring **scalability**, **responsiveness**, and **efficient data processing**.
- ✓ **Utilized React Native's core concepts** including JSX syntax, component lifecycle methods, and functional components to create responsive mobile applications.
- ✓ Implemented **unit tests**, **integration tests**, and **end-to-end tests** to validate system functionality and prevent regressions.
- ✓ Facilitated efficient communication with stakeholders and clients, gathering requirements and incorporating feedback.
- ✓ Demonstrated expertise in **full-stack** development by successfully delivering and maintaining critical financial applications.
- ✓ Contributed to enhancing the overall technological stack, staying informed about industry trends and incorporating best practices.
- ✓ Implemented dynamic user interfaces using **React.js** and ensuring a seamless and engaging user experience.
- ✓ Actively participated in **Agile/Scrum** development methodologies, contributing to **sprint planning**, code reviews, and retrospective meetings.

Environment: React.js, Redux, React-Router, JavaScript, Webpack, Babel, Gerrit, Git, Jenkins, HTML5, CSS3, Bootstrap, Jest, Python.

Tenet Healthcare – Fountain Valley, CA   **Mar 2022 to June 2023**
Front End Developer
Description: : Tenet provides healthcare services to improve service delivery and patient outcomes. Tenet working with leading healthcare insurance to better coordinate care, reduces healthcare costs, and improves long term health. The online portal allows members and brokers to look for information about health care plans. Members can enrol into insurance plan using online portal. It has payment module, report module, etc. This web portal allows members to view the claims, change Doctor and add new services.

Responsibilities:
- ✓ Exposure to **ReactJS** for building highly interactive user interfaces and **Redux** for state management with **ES6** syntax and **JSX** templates.
- ✓ Created a single page application using **ReactJS** and used **react-router** to interact between the pages.
- ✓ Created reusable components with **React.js**. Used **JSX with ES6** to define components.
- ✓ Worked with the react component life cycle for state management and **DOM manipulation**.
- ✓ Used **Redux** for state management. Created **reducers** with pure functions and **actions** to dispatch events and **store** to maintain the state.

- ✓ **Applied React Native styling** techniques using StyleSheet for layout and design, incorporating Flexbox for responsive and adaptive layouts.
- ✓ Used **Redux middlewares - redux**-form, **redux-logger**, **react-redux**, **redux-thunk**, redux-**localstorage**.
- ✓ Used **third party react components - react**-**video**, **react**-**select**, **react**-**tagsinput**, react-**datagrid**, **react-panels**, **react-calendar**.
- ✓ Worked with **Promises, Fetch API** and **async and await** to avoid **callback** hell and to fetch data from the server.
- ✓ Worked with **Higher-Order Components (HOC)** for reusing component logic.
- ✓ Developed Python scripts for efficient data processing, significantly improving the performance of backend tasks and reducing manual workload.
- ✓ Used **Bootstrap 4** for mobile-first responsive design and typography and **Bootstrap CSS Grid System** to create responsive layouts, navigation and tables.
- ✓ Experience with **Babel, Webpack** to perform **transpiling**, bundling, minification, compilation and linting.
- ✓ Created **POC** using **Jest** and **Enzyme** for testing React applications.
- ✓ Worked in **CI/CD** process with **Git, Gerrit, Jenkins and AWS.**

Environment: React.js, Redux, React-Router, JavaScript, Webpack, Babel, Gerrit, Git, Jenkins, HTML5, CSS3, Bootstrap, Jest, Enzyme.

White Box Learning   **May 2018 to Feb 2022**
UI Developer
Description: It is portal application helps recruiters in achieving staffing objectives and evaluating job candidates and the application is built using HTML5, CSS3, JavaScript and Bootstrap.

Responsibilities:
- ✓ Created printable chart reports using **HTML, CSS, and jQuery,** providing visually appealing representations of data for user consumption.
- ✓ Leveraged **jQuery** and jQuery UI components such as **Accordion, Autocomplete, Dialog, Menu, Tabs, and Tooltip** to create engaging and interactive list and detail pages.
- ✓ Implemented all admin pages, enhancing the user interface for seamless navigation.
- ✓ Developed and maintained CSS layouts for **intranet applications**, ensuring compliance with W3C standards and optimizing the overall user experience.
- ✓ Applied extensive knowledge of **CSS**, including **Background, Layouts, Positioning, Text, Border, Margin, Padding, Table, Pseudo-classes, Pseudo-elements, and Behaviors**.
- ✓ Implemented client-side **form validations** using **JavaScript**, enhancing **data integrity** and user input accuracy.
- ✓ Collaborated with design and product teams to transform mock-ups and **visual wireframes** into **HTML pages**, ensuring alignment with the overall design vision.
- ✓ Conducted rigorous **cross-browser compatibility** testing (IE, Firefox, Google Chrome, Safari, and Opera) to maintain a consistent and **optimal user experience** across various platforms.
- ✓ Integrated each view with the backend using **AJAX** patterns and **jQuery**, optimizing data retrieval and enhancing the overall **responsiveness** of the application.

Environment: MySQL, jQuery, CSS, W3C standards, JavaScript, XMI, HTML, DOM, DHTML, XHTML, AJAX, JSON, Restful API