Alvin Chen

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Summary

- 5 years of work experience as a UI /Web developer. Using HTML5, CSS3, JavaScript, JQuery, Bootstrap, AJAX, JSON, React, Node.js.
- Experience in implementing Component life cycle architecture, store actions, using socket.io in React-Redux app to handle real-time data, and using React Router, Redux Thunk for API calls in React.
- Experience in using Node.js and Express for making calls fetching data from Restful API's which are provided by the backend team.
- Good understanding and working experience in Object-Oriented programming and JavaScript MVC model.
- Experience in manipulating CSS and Sass to fulfill the requirements.
- Experience in Database Technologies including RDMBS like Oracle, MySQL, MSSQL, and NoSQL like MongoDB.
- Experience in unit testing tools using Jest, Junit along <u>with</u> TDD environment and expertise in Webpack and Gulp.
- Experience with Version Control tools like GIT and SVN for Source Code version management and merging Source code after intermittent Project releases.
- Good experience in the automated build process by using Gitlab-CI, Travis-CI.
- Experienced with Agile methodology and familiar with document drafting and the Agile Scrum Software Development Life Cycle (SDLC) as well as Waterfall methodologies.
- Always eager to learn new technologies and as a team player with excellent communication, organizational, and interpersonal skills.

Skills & Abilities

Languages & Database:	JavaScript, TypeScript, XML, MongoDB, MySQL
Web Technologies:	React, Node.js, HTML5, CSS3, Material UI, Bootstrap, jQuery.
Version Controls:	TortoiseSVN, GIT.
IDE Tools & Web Servers:	Eclipse, VS Code, IntelliJ.
SDLC Methodologies:	Agile Scrum, Waterfall. Í
Testing & Others:	Jest, Enzyme, Testing-library, JIRA, NPM, Yarn.

Work Experience

Gainsight – Phoenix, AZ   May 2020 - Aug 2021

Project: Gainsight Platform

Description: Gainsight Platform makes the customer success platform the core of your technology stack by easily integrating your key customer technologies. Implement out-of-the-box integrations to critical systems across categories including CRM, support, business intelligence, and analytics. Manage multiple products, deployments, or services that you've sold to a customer, in combination with their account hierarchy. Enjoy flexibility and full control over your object structure, schema, and data within Gainsight. Perform powerful multi-step transformations, including statistical functions, aggregations, multi-dataset merges, formulas, and time-series calculations.

Responsibilities:

- Worked with React props, state, keys, refs, events, default props and propTypes.
- Experience with Redux for state management. Created store, actions, and reducers as pure functions.

- Extensive experience with Promises to make asynchronous calls and use Axios API as an interface to fetch resources.
- Experience with styling components using Material UI like Avatar, AppBar, DataGrid, Grid, Paper, Pagination, Rating and Alert.
- Experience with JavaScript Closures, Hoisting, Strict Mode, Scope, Block Scoping, Promises, Generators, Maps and Sets, String interpolation, async and await, array Extensions, modules, and classes.
- Built out Restful endpoints and lightweight aggregation layers using Node.js frameworks such as Express, Body parser, cluster, process, Winston, Redis, passport, mongoose, etc.
- Used Mongoose Schema/Model to create, update and delete with Express controllers.
- Created Restful APIs with Express and used MongoDB for persistence and Redis for caching.
- Used Socket.IO in the adoption of Node.js by making Web Sockets both accessible and reliable.
- Created SPA (Single Page Application) by configuring React-Router. Used Browser Router for Web.

Environment: React, Redux, JavaScript, HTML5, CSS, Axios, Material UI, SASS, MongoDB, Node.js, Express, VS Code, NPM, Jest, Testing-library, Agile, JIRA, Git.

Aspect – Phoenix, AZ   Dec 2018 - Apr 2020

Project: Call Center Performance Management

Description: Call center performance management software unlocks valuable information that exists across separate contact center systems and enables managers to consolidate, correlate and display key information relevant to each employee's role. This flexible tool can quickly reveal valuable new insights by enabling the tracking of personal and group performance vs. goal using a wide range of metrics with data sourced from many contact center systems. It systematically uses statistical data to automate, manage and drive the employee performance management process. It also helps set clear expectations for employees, provides employees with daily feedback on their performance against those expectations, rewards employees for performance through incentives and performance-related pay, and creates and executes targeted development plans, all delivering sustained performance improvements for the organization.

Responsibilities:
- Developed single page responsive Web using HTML5, Bootstrap, CSS3, JavaScript, React.
- Worked on the responsiveness of the application and explored the fixed width and fluid layouts using Bootstrap.
- Created HTML mockups for mobile as well as tablet devices as per UID using CSS3 and HTML5 for both landscape and portrait views.
- Worked on React components, Forms, Events, Keys, Router, Animations, and Redux concept.
- Used React-autocomplete for creating google map's location search on the webpage.
- Developed the React container and presentational components as stateless and functional components.
- Worked with Node.js, Express, Gulp, and Bower for setting up a local server, running tasks, and managing dependencies.
- Used Babel for translation and Webpack for bundling, module injection, and dependencies.

- Used NPM to manage dependencies.
- Used JIRA for bug tracking, issue tracking and task/story management.
- Developed, debugged, integrated, and deployed applications using Eclipse (IDE) and used GIT to control versions.
- Worked in an Agile-Scrum development methodology to ensure delivery of high-quality work with monthly iteration, also involved in sprint planning and retrospectives.

Environment: HTML5, CSS3, React, Node.js, JavaScript, Bootstrap, JIRA, MongoDB, React-Router, Redux, VSCode, GIT.

SkyTouch – Phoenix, AZ   Sep 2017 - Oct 2018

Project: Hotel Property Management System

Description: Easily configure quick links, such as "Reservations" or "Weather Links" so staff can quickly access what's most important to your guests. Easily view available rooms for any given date range. Easily manage wholesalers, recurring tours, one-time or ongoing groups. View and track guest preferences, requests, and a number of reward programs. The home page displays specific guest notes during the booking and check-in process to personalize each person's experience. Instant updates can be made on mobile devices and will be displayed throughout the system. Schedule rooms for maintenance ahead of time. Batch updates allow you to quickly and easily take a section of your hotel out of service for larger projects.

Responsibilities
- Involved in designing web pages using HTML5, CSS3, JavaScript, Bootstrap, SASS, React.js, Redux, React Router, Node.js, Express, and MongoDB.
- Worked on the state, props, and events to create interactive React JS components.
- Utilized React-Router to create Dynamic Routing.
- Developed single-page applications using React/Redux architecture, ES6, Webpack, and Gulp.
- Designed CSS templates for all pages of the website by utilizing CSS Background, positioning, text border, margin, padding, and table.
- Worked with ECMAScript 6 features. Built JSX and ES2015 (ES6) using Babel, Webpack.
- Created Components for UX-Library consisted of Button, Checkbox, Input, Icons, Toggle Button Dropdown, Multi-Level Dropdown, and many more.
- Utilized Node Package Manager (NPM) to manage modules & used it to install useful tools.
- Implemented HTTP REST API using Node.js/Express and extensively tested RESTful services using Postman.
- Used GitHub as the version control tool to perform programs Checkout and Check-in from and to the repository.
- Worked in an Agile environment with active scrum participation.

Environment: React, Node.js, HTML5, CSS3, JavaScript, Bootstrap, ES6, Restful Services, Agile, Git, Jira, VS Code, MongoDB, Postman.

Project: AML Reporting

Description: AML is a migration project from legacy comprehensive reporting libraries to a web-based application. It captures customer Details Store compliance rules, monitors transactions, and flags any violation of transactions against customer profile and compliance rules. The system generates all statutory Reports and provides for the generation of Suspicious Activity Reports. The primary objective of any anti-money laundering solution is to monitor customers & transactions for Money Laundering Activities Scan Customers and transactions against the various blacklists.

Responsibilities:

- Designed and developed business standard-based web applications using HTML, CSS, JavaScript, jQuery.
- Involved in writing application-level code to interact with APIs, Web Services using Ajax, JSON and hence building the type-ahead feature for zip code, city, and county lookup using jQuery, Ajax, and jQuery UI.
- Create interactive websites and website features using JavaScript and jQuery/jQuery UI.
- Used Selectors in jQuery for updating content on DOM nodes.
- Designed CSS-based page layouts that are cross-browser compatible and standards-compliant.
- Added analytics and tagging functionalities for all the existing pages to track all the user actions using JavaScript.
- Created templates, menus, pages, categories, blocks using Drupal and Used Drupal Views module for controlling the presentation of lists of content.
- Wrote Servlets programming and JSP scripting for the communication between web browser and server.
- Implemented Spring Boot framework for building cloud Micro Services and to develop Spring-based applications radically faster with very little configuration.
- Managing and implementing all code changes via SVN. Deploying builds across development, staging, and production instances and maintaining code integrity.

Environment: HTML, JavaScript, jQuery, Java, Spring Boot, Bootstrap, CSS, SQL Server, VS Code, Git, Agile, XML, JSON, Ajax.

Education

Arizona State University — Tempe, AZ   Aug 2015 — May 2021
M.S & B.S in Computer Science