**HARJOT KAUR**

**Summary**

* Extensive Experience with UIAnalysis, **Web development** building, maintaining **interactive, responsive UI/web applications.**
* Well Versed with **OO JavaScript, HTML5, CSS3 and ES6**.
* Hands on experience in Single Page Application development with **React, MVC** frameworkslike Backbone.js and **Node.**
* Experience with **Responsive web design utilizing bootstrap and Material UI.**
* Web development using **Visual Studio Code, WebStorm**, Sublime and Eclipse IDE.
* Team player with good analytical, documentation and communication skills.

**Technical Skills:**

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| **Web Technologies** | OO Java Script, React, Redux,React Hooks D3.js, HTML 5, CSS 3, Less, SASS, jQuery, AJAX, Flex box ,Node/Express, MVC, ES6, JSON, Mailgun |
| **Application / Web Servers** | Node.js**,** Apache Tomcat, Heroku |
| **Languages** | JavaScript, Typescript, SQL |
| **Databases** | MongoDB, MySQL |
| **Operating Systems** | Mac OS , Windows |
| **IDE** | Visual Studio Code,WebStorm, Sublime2, Eclipse |
| **Version Control** | Git,SVN |

**Professional Experience:**

***Applied Materials , Santa Clara, CA. July 2023 - Present***

***React UI Developer***

*AIX Accelerated Actionable Insight application that calibrates , bundles data sets as part of machine learning.*

* Developed various modules within monorepo application with modular packages using **React, Redux, typescript.**
* Enhanced end to end Metrology flow for streamlining data preparation process for machine learning by integrating **reusable web-components** like Data grid , Modals.
* **POC** for Graphical Workflow solution enabling process mapping for complex workflows using **D3**, **React Flow.**
* Extensively worked with backend and leveraged **Axios** for seamless **API integration.** Collaborated with QA to identify n improve code quality through rigorous bug resolution.
* Leveraged **styled components** for dynamic and theme-able styling across the application, enhancing the user interface.
* Build Master Data Revamp modules that cleanse data for consumption using React, **Redux Toolkit.**
* Supported Value Model Library application enhancements for graphical representation of models.

**Environment**: React, Redux, Redux Toolkit, ReactFlow, D3.js, Axios, Node.js,, ES6, JSX, CSS3, Typescript, Git, VSCode, Chrome.

***Monetize Solutions Inc. Menlo Park, CA Mar 2022 - June 2023***

***Front End Engineer***

*Engagement Generator, sales & marketing software solution helps enterprises leverage data toward monetization with Behavior Profile Generation and displays Collectives through Dashboard interfaces.*

* Developed **Single Page Application (SPA)** Engagement Generator using **React, HTML5 and CSS3.**
* **Responsible for building Dashboard with React n D3.js data visualization techniques.**
* Developed **Functional components** **using JavaScript, React, React Hooks.**
* Involved in Designing Components applying react-icons, forms, Dropdown for web pages using **CSS3.**
* **Build Navigation** for Generator application **using React-Router.**
* Used **axios and react async/await** to handle HTTP requests for data fetching for React Components
* Facilitated React best practices and optimizing techniques.
* In Phase two, worked with backend engineers for data integration using Restful APIs and optimized existing API calls by deprecating redundant API calls.
* Participated bi-weekly meetings with business team for features enhancement and reviews.
* Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.

**Environment**: React.js, React Hooks, D3.js, React Async Await, Axios, Node.js, React-Router, React HOC, ES6, JSX, CSS3, javaScript, MySQL, JSON, Git, WebStorm, Chrome, Mac OS.

***Walmart Inc. Sunnyvale, CA May 2019 - Jan 2020***

***Front End Engineer***

*Project Hanes aims to simplify redistribution and administration of customer event (aka “tags” for analytics) that targets Data admin users to configure tag cycle(pixels) on Walmart pages, on-board marketing partners, migrate tags from GTM to Minerva Data sharing user interface.*

* Developed User Interface for Minerva application using **React and Redux** libraries.
* Built Data Sharing component workflow to setup **UI elements** like modals, sidebar, data grids using **CSS3 and ES6.**
* Built User permissions across various modules to enhance access control for Minerva application.
* Redesigned dashboard, navigation, and **routing** as part of UI design requirement and remodeling.
* Implemented Tags creation cycle and implemented Edit, Clone Tag features and setup workflow for new partners.
* Integrated Data Grids using backend by consuming **RESTful APIs.** Implemented Pagination across components
* Involved in UI build process, production deployment and documentation creation.
* Participated in Mockup reviews and worked with QE team for Bug resolution.

**Environment**: HTML5, CSS3, OO JavaScript, React.js, Redux, React Promises, ES6, Git, Agile, WebStorm, Chrome, Mac OS.

***Macys.com, San Francisco CA July 2017 – May 2019***

***Front End/UI Developer***

*Santaland Admin tool is Macy’s internal tool used by employees for making in-store reservations active during holiday season. Interactive Marketing Platform hosts Macy’s Interactive campaigns (web pages).*

* Responsible for developing **webpages for Admin tool using HTML, CSS3 and JavaScript** and latest cutting-edge technologies.
* Setting up schema, **API endpoints for building Mongo dB** driven Backend for customer facing site let and Santaland Admin tool.
* **Configured, Implemented and Maintained Mail gun f**or sending confirmation and reminder emails for customers.
* Ran **experiments** utilizing Interactive Marketing Platform’s internal **A/B Testing framework** for feasibility.
* Involved in **Weekly Campaign release process with CI/CD** build process using **Jenkins** includingInteractive marketing platform web updations, enhancements.
* Responsible for **Campaign (Macy’s web pages) creation/updating** and triaging related issues.

**Environment**: HTML5, CSS3, OO JavaScript, ES6, MongoDB, Mail gun, Heroku, CI/CD, Jenkins, Git, WebStorm, Chrome, Safari, Mac OS.

***Apple Inc, Sunnyvale CA May 2015 – April 2017***

***UI Developer***

*B2B Events application allows to track and send invitations to organizations for apple events pertaining to products that enhance business.*

* Responsible for developing views using **Backbone.js, Marionette.js** framework.
* Building data tables utilizing Data Table plugin displaying events, scheduling, planning, attachment, contacts modules for education and conferences markets.
* Redesigning application by implementing navigation, banner, model window.
* Used D3.js for implementing donut charts to represent event capacity throughout application.
* Reviewing mockups, actively involved in design inputs, reorganizing CSS and bug fixing.

**Environment**: HTML5, CSS3, JavaScript, Backbone.js, Underscore.js, Marionette.js, DataTables.js, jQuery, D3.js, AJAX, JSON, SASS, Grunt, Git, WebStorm, Chrome, Safari, Mac OS.

*ACM Fraud detection is apple’s internal application used by agents that allows to review customer orders for fraud.*

* Involved in **development and enhancement** of various modules of the application.
* Used **AWJS internal web java script framework** for implementing **popups, toolbar, tables** for enhancing dashboard, widgets, sidebar, case details, case actioning and related views.
* Utilized apple **Mapkit** for **customizing maps component** for displaying billing/shipping address pin annotations in context to the customer orders.
* Supported new requirements by developing sub modules for the payment section to support **additional payment types.**
* Identified performance lags,optimized application through analyzing and refactoring redundant APIs.
* Exercised use of **Closure compiler** for handling code pitfalls, syntax check and efficiency.
* Worked extensively on **bug fixing** and provided environmental. Responsible for **releasing UI build,** documentation, radar/wiki updates.

**Environment**: HTML5, CSS3, OO JavaScript, jQuery, AWJS, Closure compiler, AJAX, Node.js, Less, JSON, Safari, Git, WebStorm, Sublime2, Mac OS, Agile.

***Kaiser Permanente, Oakland CA Sept 2014 – May 2015***

***UI Developer***

*PS3 Staff Matching is the tool where one can review and pair clinicians to staff for block of times.*

*SSOBooking Application is an online application that is part of MDO (My Doctors Online) used for booking appointments for the users using automated system.*

* Developed **Staff Matching internal tool** for Kaiser Doctors and nurses using **JavaScript, jQuery, AJAX driven** **UI** from scratch.
* Responsible for building UI screens for Daily Matching, add edit Template, My Units, Roaster, Manage Assignments, Weekly reports modules.
* Implemented **drag and drop, Ratio calculation, reset filter/matchings, scrolling, sorting** functionalities on Daily Matching, My Units and add edit template screens.
* Performed UI (date, form etc.) validations using validate.js and custom front end client-side validations.
* Worked on **SSOBooking** **constructing single page application** using **HTML, CSS, JavaScript, jQuery and AJAX.**
* Constructed end to end appointment system for SSO Booking containing **radio selections, toggle menus, popup modal** windows.
* Implemented **day and date filters** to display available appointments based on specific time frame.

**Environment**: HTML5, CSS3, JavaScript, jQuery, AJAX, validate.js, datepicker.js, pikaday.js, jQuery mask plugin, DataTable.js, JSON, Firebug, Devtools, SVN, Eclipse, Sublime2.

***Cisco System Inc, San Jose CA Sept 2013 – Aug 2014***

***Jr. Web Developer***

*SHINE/UBI - Universal Small Cell Module is Customer Self Service One Stop Shop for Post Sales Provisioning Operations*

* Involved in development of Provisioning service and financial modules using **Backbone.js, underscore.js and marioneete.js.**
* Used **Slick back, a JavaScript library with Slick Grid, a jQuery backed DataGrid** for implementation to display content for the modules.
* Worked on **Overlays using** **jQuery** plugin for detailed content display.
* Implemented **Real time DataGrid rendering** in response to dropdown input using backbone.js.
* Applied **filtering, sorting functionalities** on the data and implemented auto tooltip, back button, cancel functionality.
* Implemented Pagination using Slick Back Grid Paginated Collection to access entries (the list of models), current Page, per Page and total Entries.
* Validations using validate All plugin, used toaster messages and displayed notifications with **notify jQuery plugin.**

**Environment**: HTML5, CSS3, JavaScript, Backbone.js, Underscore.js, Marionette.js, require.js, uglify.js, notify.js, Restful web services, Firebug, Git, Eclipse, Sublime2, Agile.

***NMK Global, Fremont CA Mar 2012 – Aug 2013***

***Intern***

*Designed and supported applications for various clients*

* Worked with various clients understanding, analyzing business requirement for Identifying UI and data elements, and provided inputs in creation of technical documents.
* Created wireframes, graphical templates, and other graphical elements for the project.
* Developed web pages throughout module using front end technologies **HTML** and **CSS.**
* Involved in designing and developing Self Team applications. Build UI webpages, created logos, banner ads, and icon.

**Environment:** HTML4, CSS, JavaScript, Devtools, Adobe Photoshop, SQL Server, Notepad++, Eclipse IDE, Window 7

**EDUCATION:**

**MS Computer Science**, Cal State University East Bay *Dec 2011*