# Sai Rachana Maguluri Ottawa, Canada, +6132616897, sairachanacan@gmail.com

#### SUMMARY:

Having 7 years of experience in UI Developing and UX Designer. Highly proficient at web development. Strong technical skills in web-based applications, added expertise in accessing front-end technologies for building responsive web pages with collaboration of graphic applications to have elegant interface. Adequate knowledge in **Angular**, **React js**, **Bootstrap**, **Node js** could boost up product performance. Experienced **UI/UX Designer** with a passion for creating intuitive and user-friendly digital experiences. Possessing a strong background in both design and development, I have a deep understanding of the entire design process, from **user research** and **prototyping** to front-end development and implementation. Excellent ability to adjust workplace to meet evolving client needs.

### **TECHNICAL SKILLS:**

- Experience in web designing with a strong background working on open-source technologies, including HTML/HTML5, CSS3 etc.
- Experience in Developing highly interactive web applications using JAVASCRIPT, HTML, CSS, SASS, ANGULAR 8 and BOOTSTRAP and integrating Restful API's.
- Ability to create complex web applications through HTML5, CSS3, AJAX, JSON, JAVASCRIPT.
- Good experience in developing single page applications using ANGULAR latest versions.
- Proficiency in building responsive mobile optimised websites using BOOTSTRAP.
- Skilled in Adobe Creative Suite, Sketch, and Figma.
- I have a proven track record of delivering high-quality designs that meet business goals and user needs.
- I have a strong understanding of design principles, user research methods, and prototyping techniques.
- Adapted Model-View-Controller (MVC) frameworks for developing web applications.
- Solid experience with Responsive Web Design (RWD) technologies like Angular, jQuery, Node.js, Cordova framework Bootstrap, HTML, CSS, Sass, SCSS, XML, JavaScript, AJAX and JSON.
- Expertise in designing UI patterns and UI applications with the help of Adobe products like Adobe Dreamweaver CS3, Adobe Photoshop CS3/CS4, Adobe Fireworks CS3 and Adobe Illustrator CS3, Sketch, Figma.
- Good Experience in Server-side Framework like Node JS and Java script libraries like React JS, Ember JS, Flux and Redux.
- Working knowledge on JavaScript library **JSON**.
- Experienced building components with React JS.
- Experience with JS testing frameworks (e.g. Karma, Jasmine, and Mocha).
- Experience in using NPM packages like **Grunt**, **bower**, **gulp**, **web pack**, **babel etc**.
- Strong experience in **SEO** (Search Engine Optimization) and Progressive Enhancement.
- Responsive UI development by using React Native.
- Excellent knowledge in UX designing using **FIGMA**.
- Excellent working knowledge and thorough exposure on cross browser / cross device compatibility, with emphasis on responsive design principles and interactive web design from simple transition effects to scrolling, rich media presentations
- Handled multiple projects and had a review with whole project at the end of the course.
- Strong problem-solving ability and analytical skills and able to integrate quickly into team and work independently toward team goals.
- Experience managing daily communication with offshore development teams.
- Experience creating intuitive and user-centered designs.
- Skilled in conducting user research, prototyping, and testing to deliver engaging and effective digital experiences.
- Adapt at working with cross-functional teams to deliver projects on time and within budget.

#### PROFESSIONAL EXPERIENCE:

RESET

Role: UI/UX Designer oct 2021 – present

#### **Description:**

MetaReset is an UBI based social interactive metaverse platform. MetaReset aims to connect web3 products with IRL. It allows users to ship their products from digital to user's doorstep.

#### Responsibilities:

- Research new user interface paradigms and develop and maintain style guidelines to support mobile, web,
   iPad interface.
- Ideate, produce, and present project deliverables such as user flows, wireframes, and concept designs to demonstrate new features, dialogs, and other visual elements in the project.
- Contribute to solving design challenges based on the functional requirements of the media.
- Produce aesthetically rich user interface designs in illustrator for web and mobile applications.
- Collaborated with product managers and developers to design mobile and web-based products that improved the user experience and met business goals.
- Conducted user research, including surveys and interviews, to understand user needs and behaviors.
- Designed wireframes, prototypes, and high-fidelity mock-ups for new and existing products.
- Facilitated usability testing to validate design decisions and make data-driven improvements.
- Contributed to the design system by creating reusable design components and documenting design patterns.
- Good experience in Figma, adobe xd, Invision, sketch.
- I am confident in delivering high-quality designs that meet business goals and user needs.

BELL Sep 2020 – Sep 2021

**Role: Front-End Developer** 

#### **Description:**

Rcf is a role-based bell project it contains user, client admin, bell admin portals to manage telephone numbers, addresses, enterprises phone numbers list, administrators, telephone plan details. It helps the way of restricting and managing machine access to the authorised users.

#### Responsibilities:

- Responsible for building front-end UI design using HTML5, CSS3, Typescript, JavaScript, Angular 10.
- Use Angular 10 controllers to control page data and models to bind data in User Interface with controller.
- Made REST API calls using http and resource services with Angular 10.
- Develop code to call the **web service/APIs** to fetch the data and populate on the UI using **RxJS** and Observables.
- Work with Angular Forms, Validations, Modules, Components, directives, controllers and HTTP Requests.
- Implement Rxjs for better user experience by dynamically providing Asynchronous request and response communication between the client and the server.
- Used GIT as a repository and source tree.
- Used Angular CLI to create modules, components, services, directives, pipes etc.
- Created **lazy loaded** modules to maintain the performance of the application.
- Used can-Deactivate, can-Activate to display the warning or information message when user is moving away or coming to particular routes.
- Implemented custom pagination and Sorting logic on the UI.
- Extensively used Angular Reactive forms, form Arrays and implemented reactive validations and validation messages according to the requirement.
- In depth knowledge of web technologies and standards to deliver the best experiences across web and mobile devices including responsive Web UI.
- Ability to create beautiful web applications writing top notch HTML5, CSS3, Ajax, JavaScript and jQuery code.
- Good experience in developing single page applications using ANGULAR 10.
- Extensive knowledge of CSS and SCSS.
- Good knowledge of language conversions like i18n.

Dappstreet Corporation Aug 2019 – Aug 2020 Role: UI/UX Designer Developer

#### **Description:**

DeVault is a blockchain based steel proof multi vault system, powered by Ethereum. DeVault aims to be an essential tool to the current world to protect most valued digital assets, data and information from digital theft by securing data in multiple vaults with multi-layered security making impossible to crack the system.

#### Responsibilities:

- Writing high-quality, high-performance, maintainable front-end code in Typescript and HTML/CSS.
- Conducted user research to understand customer needs and pain points, resulting in the creation of a more user-friendly experience for the company's website.
- Collaborated with cross-functional teams to create wireframes, prototypes, and high-fidelity designs for mobile and web based applications.
- Designed and tested the product to optimize conversion rates and **improve overall user experience**.
- Managed design projects from concept to launch, ensuring that all designs met brand guidelines and project timelines.
- Converted the prototypes to development using HTML5, CSS3, SASS, and Angular.
- Created Responsive Web Design (RWD) using Angular 10 and do data manipulations to display data in companystandard format in UI.
- Performed a lot of DOM operations for loading and manipulating dynamic content on webpages.
- Identify and troubleshoot application code-related issues.
- Coded pages with best **Search Engine Optimization** (SEO) techniques. Developed call back functions to parse and handle **JSON** data returned from the server.
- Conduct Usability Testing to resolve interface problems.
- Participated in code reviews and ensures that all solutions are aligned to predefined design specifications.
- Experience in coordinating with Onsite & Offshore teams.
- Implemented **responsive web design** (RWD) and mobile friendly design using Ionic framework; fully utilized its **JavaScript UI library**, including navigation, modal, slide box, scroll, action sheet and more and **Angular**.
- Worked in the Agile/Scrum development environment with frequently changing requirements and actively participate in scrum meetings and reviews.
- Deep knowledge of Angular practices and commonly used modules based on extensive work experience.
- Ensuring high performance on mobile and desktop.
- Involved in both Designing and Developing the UI.
- Designed UX using Sketch and Invision.
- Created Single Page Application with loading multiple views using route services.

Purple Talk Nov 2017 – Apr 2019

Role: Module Lead, UI Development

## **Description:**

Developed website for Senzit project, it is a product of Man+hummel, provides more uptime to our customers and manages fleet maintenance. It uses sensors to monitor the air filter status of agricultural, construction or mining machinery. Senzit measures the condition of the air filter and transfers the data to the user's mobile device or the fleet manager's desktop.

## Responsibilities:

- Designing web interfaces from scratch using current and emerging web technologies therefore ensuring User Experience and User Interface standards
- Module lead- managing a module having 4 people in the team- Assisting & Reviewing the module work
- Writing high-quality, high-performance, maintainable front-end code in JavaScript, and HTML/CSS
- Ensuring cross browser rendering, including responsive coding for easy device adaptation
- Working with latest front-end frameworks to build incredible user experiences.
- Maintaining and supporting existing application systems.
- Lead many modules from requirement gathering till end-to-end implementation
- Implemented various screens for the front end using **React.js** and used various predefined **components** from **NPM** (**Node Package Manager**) and **redux library**.
- Closely worked with QA team to solve all the doubts and deliver product successfully

- Troubleshoot and fixed many problems cross browser issues
- Using AngularJS 2.0 created **Responsive Web Design** (RWD) and did data manipulations to display data in company standard format in UI
- Work closely with product leads, designers, information architects, and back-end engineers
- Learning new emerging technologies and applying them quickly in current projects
- Used **ReactJS** to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA)
- Participating in design and code reviews as well as finding out best practices for front-end engineering.
- Implemented REACT JS code to handle cross browser compatibility issues in Mozilla, IE and safari.
- Worked as Web and Mobile apps developer, done one project in Web by using React native.
- Worked with CSS and **SASS** for responsive layout.
- Debugging using firebug and web developer tools on chrome, Firefox, internet explorer.

LMIPHL Sep 2016 - Nov 2017

Role: UI Developer

## **Description:**

Juventa is a website which provides the services for wellness, spa, ayush. Designed for individuals, families, friend's groups and even corporate teams, Leo Juventa's site has millions of customers every day and this site also provides the customers daily in-out log details and transactions.

#### Responsibilities:

- Extensively involved in various phases of **Software Development Life Cycle** such as Requirements Analysis, Design and Implementation and Maintenance in **Agile** environment.
- Designed and maintained front-end page layout using HTML, CSS
- Created Responsive Web Design using Bootstrap and CSS Media Queries.
- Utilized AngularJS UI-Route for managing the State Transition and URL route.
- Used the **Git** for version controlling a **JIRA** for the project tracking.
- Refactored existing web code with AngularJS to improve maintainability and make the web application more
  modular.
- Solved design issues / usability issues that arise and anticipate potential future problems so they can be resolved before they impact users.
- Conduct thorough testing of user interfaces in multiple platforms to ensure all designs render correctly and systems function properly, incorporating feedback from actual potential users as well as members of the design team.
- Working knowledge of Responsive Design without any errors.
- Used Angular http to send GET/POST request to fetch data from server.
- Developed responsive web pages for smart devices using Bootstrap and media queries.

Vidcentum R&D June 2014 – June 2016

## Role: UI Developer

## Description:

Kalgudi is a free to use platform for agriculture related initiatives. Kalgudi is accessible from mobile devices as well as from web browsers seamlessly. Different stakeholders of agriculture like farmers, traders, input dealers, farmer producer Organizations, students, scientists, researchers etc., are using Kalgudi to share their needs, ask & answer questions, receive news & information like farm advisories, market linkages, etc., currently partnered with ICRISAT and CGG in their agriculture extension initiatives.

## Responsibilities:

- Developed and designed front end web pages using ANGULAR 2, HTML5, CSS3.
- Created Navigation bar, Dropdown menu, Image Carousel, Button, Modal, Form, Table, Togglable tabs, Pagination using Bootstrap.
- Used HTML5 Form Validation, Type and Attributes Restrictions to validate the client inputs.
- Used the Git for version controlling and JIRA for the project tracking.
- Implemented **responsive web design** (RWD) and mobile friendly design using Ionic framework; fully utilized its **JavaScript UI library**, including navigation, modal, slide box, scroll, action sheet and more and **AngularJS**.

- Extensively used/modified jQuery to perform AJAX calls for creating interactive web pages on JSON response.
- Coded pages with best **Search Engine Optimization** (SEO) techniques. Developed call back functions to parse and handle **JSON** data returned from the server.
- Used CSS and Bootstrap to create RWD for different screen sizes and pixels.
- Create guidelines and wireframes to help communicate product vision to key team members.
- Turn designs into interactive prototypes with HTML5, CSS3, jQuery and the Bootstrap framework.
- Worked with the business analysts and back-end developers to gather requirements, improve application functionality, and add new features.
- Involved in Agile/ SCRUM based environment.

## Education

Bachelor's in computer science Vignan University, India

**Status in Canada** 

**Permanent Residence**