

# SAI RACHANA MAGULURI – Senior Front-End Developer

<https://isairachana.com>

<https://www.linkedin.com/in/sai-rachana-maguluri-765019361/>

sairachanacan@gmail.com | +1-613-261-6897

## SUMMARY

**Front-End Developer** with 6+ years of experience building high-performance, scalable web and mobile applications using **Angular 19** and **React.js**. Delivered responsive, accessible UIs with TypeScript, SCSS, and modern CSS-in-JS — improving load times and user engagement across enterprise-scale apps. Experienced working within **Nx monorepo architectures**, **CI/CD pipelines**, and **Agile teams**. Passionate about leveraging **AI-powered development tools** like Claude Code, Cursor, Copilot to ship production-ready applications faster. Recently built and deployed **vybedrive.ca** and **browloft.ca** as independent personal projects.

## TECHNICAL SKILLS

**Languages & Frameworks:** HTML5, CSS3, SASS, JavaScript (ES6+), TypeScript, React.js, Angular (2–17), React Native, Next.js, Python

**UI & Styling:** Kendo UI, Tailwind CSS, Bootstrap, Angular Material, Responsive Design, Accessibility (WCAG), Cross-browser Compatibility

**State & Data Handling:** Redux, Context API, NgRx, RxJS

**Tools & Build Systems:** Webpack, Vite, Gulp, Rollup, NPM, Yarn, Cursor, GitHub Copilot, VS Code, Postman, Chrome DevTools

**CI/CD & Cloud:** Azure DevOps, AWS, Terraform, Azure Web PubSub, Terragrunt

**Version Control & Testing:** Git, GitHub, Bitbucket, SVN, Jest, Jasmine, Karma

**Architecture & APIs:** SPAs, PWAs, MVC, RESTful APIs, SOAP, AJAX, JSON

**Design & OS:** Figma, Adobe XD, Photoshop, Windows, macOS, Linux.

**AI Tools:** Claude AI, GitHub Copilot, Cursor, Experience with AI-assisted tools for vibe coding workflows, enabling faster iteration, cleaner code, and improved development efficiency.

## PERSONAL PROJECTS

### VybeDrive — [vybedrive.ca](https://vybedrive.ca)

- Built a discovery platform for British Columbia using Angular 19, Tailwind CSS & SCSS
- Implemented chip-based filtering UX for refining searches by category, mood, and location
- Developed using AI-assisted development with Claude Code

### Brow Loft — [browloft.ca](https://browloft.ca)

- Developed a premium beauty salon website with online booking and multi-location support
- Built with Python, SCSS, SEO optimization, and responsive design
- Developed using AI-assisted development with Claude Code

## WORK EXPERIENCE

### Senior Front End Developer – Microgroove | Sep 2025 – Present

#### Project: Safe Harbor Marinas

- Developed and maintained front-end modules using **Angular 19**, **TypeScript**, **HTML**, **SCSS**, and **RxJS** within a large-scale **Nx monorepo architecture**.
- Built reusable, standalone UI components for two major modules: **Workflow Approval** and the **Notifications App**.
- Utilized **Azure DevOps** for source control, **pipeline deployments**, and task tracking using **PBIs** and pull requests.
- Created a new standalone Angular app in the Nx workspace and successfully set up **Azure DevOps pipelines** for build and run processes.
- Integrated and tested RESTful APIs using Angular services for **Create, update, and delete (CRUD) operations**, ensuring real-time updates in Kendo UI Grids.
- Developed responsive UI using advanced **Kendo UI components** for enterprise-level consistency and performance.
- Applied **Kendo UI**, **Angular Material**, and custom styling for responsive and accessible UIs.
- Coordinated closely with backend and QA teams to troubleshoot integration issues and improve data consistency across modules.

### Front-End Developer – JESTA I.S | Mar 2023 – Sep 2025

#### Project: Phoenix (Retail Management System)

- Developed enterprise-grade front-end modules using **Angular 17**, **TypeScript**, **HTML**, **SCSS**, and **RxJS**.
- Integrated RESTful APIs, designed responsive UI with **Tailwind CSS** and **Angular Material**.
- Built and maintained **modular, reusable components** following Angular best practices.
- Implemented **state management** using **NgRx**, ensuring predictable UI behavior and efficient data handling.
- Integrated **RESTful APIs** with Angular services to dynamically render and update data in real time.
- Collaborated with designers to translate wireframes and UI specifications into reusable Angular components.

#### Project: Harry Rosen (Mobile App for iOS & Android)

- Developed and maintained a cross-platform mobile apps using **React Native for iOS and Android with HTML and CSS**.
- Integrated dynamic **RESTful APIs** for real-time product data, user authentication, and secure checkout flows.
- Implemented navigation and **state management** using React Navigation, Context API, and AsyncStorage.
- Created **reusable UI components** with Tailwind CSS and React Native Paper, ensuring brand consistency.
- Used **React Hooks** (useState, useEffect, useContext) for clean, modular component logic and side effects.

## Front-End Developer – Bell | Sep 2020 – Feb 2023

### Project: SIP Trunk Portal Client

- Developed and enhanced **Angular 12** modules using **TypeScript**, **HTML**, **CSS**, **SCSS** and **RxJS** for real-time plan updates and billing workflows.
- Built modular, reusable UI components with **Angular Reactive Forms**, custom directives, and pipes.
- Optimized routing with Angular Router using **lazy loading** and route guards for performance and security.
- Used **Linux** (Ubuntu) for terminal operations, Git workflows, and package installs.
- Integrated dynamic **RESTful APIs** to fetch and display customer data, and billing history in real-time.
- Conducted extensive **UI testing** using Karma and Jasmine and resolved **cross-browser compatibility** issues to ensure consistent behavior.
- Collaborated in Agile ceremonies including sprint planning, grooming, and code reviews.
- Collaborated closely with QA and backend teams to debug API issues and improve integration stability.
- Debugged front-end performance bottlenecks using **Chrome DevTools**.

## UI Developer – Purple Talk | Nov 2017 – Nov 2019

### Project: Dr. Reddy's, Kalgudi, Service Aid

- Developed and styled responsive front-end pages using **Angular 2**, **HTML5**, and **CSS3** for seamless cross-device user experiences.
- Built interactive UI components like navbars, dropdowns, modals, and forms using **Bootstrap**.
- Managed codebase and sprint progress using **Git** and **JIRA** to ensure smooth team collaboration.
- Collaborated with backend teams via Linux servers for integration and end-to-end testing.
- Applied **Responsive Web Design (RWD)** principles using **Ionic** and **Bootstrap** for mobile and tablet optimization.
- Applied **Ionic framework** to develop hybrid mobile interfaces, optimizing components for both iOS and Android platforms.
- Implemented **Angular routing**, two-way data binding, and form validations to streamline user workflows and data interactions.
- Created pixel-perfect layouts from **design mockups**, ensuring cross-browser compatibility and WCAG accessibility compliance.
- Followed Agile development practices to deliver features in sprints and participate in iterative UI feedback cycles.

## Education

Bachelor of Technology - Computer Science & Engineering. Vignan University, India