GATTADI NIKHIL

Front-End Developer +91 8247677768 | gattadinikhil@gmail.com | Hyderabad, TS, India | [LinkedIn Profile URL]

PROFESSIONAL SUMMARY

A highly skilled Front-End Developer with over 3 years of experience architecting and building sophisticated, high-performance web applications. My expertise lies in creating scalable solutions with **Svelte/SvelteKit** and **React** and **TypeScript**, demonstrated by my work on a multi-client monorepo SDK and a comprehensive **Design System**. I have a proven track record of leading complex projects, including full **CMS migrations**, developing intricate **GSAP animations**, and building robust, component-driven UIs for enterprise-level admin panels. A collaborative developer dedicated to transforming complex requirements into elegant, maintainable, and impactful digital experiences.

TECHNICAL SKILLS

- **Frameworks & Libraries:** Svelte/SvelteKit, React, React Native, GSAP (GreenSock Animation Platform), Eleventy (11ty), Tailwind CSS
- **Languages:** TypeScript, JavaScript (ES6+), HTML5, CSS3/SCSS
- **Architecture & Concepts:** Design Systems, Component-Driven Architecture, Monorepo & SDK Development, Headless CMS Integration, Responsive Web & Email Design, API Integration (RESTful), Performance Optimization
- **Tools & Platforms:** Git, GitHub, Storybook, Figma, FFmpeg, Apex CMS, Unreal Engine (Blueprints)
- **AI & Productivity:** Generative AI Tools, Prompt Engineering, Workflow Automation

WORK EXPERIENCE

Front-End Developer | Able.do | Hyderabad, India *September 2022 – Present*

Architected and developed a wide range of sophisticated web solutions, demonstrating expertise in modern front-end technologies and complex project execution.

Apex Design System & Admin Panels:

- Spearheaded the creation of the Apex Design System, a comprehensive, reusable component library in SvelteKit and TypeScript, documented in Storybook.
- Developed a wide range of robust components, including complex forms, data tables, and modals, ensuring all edge cases were handled.
- Leveraged the design system to rapidly build two enterprise-level admin panels (Apex-Meals & Apex-Travel), constructing the entire UI, defining JSON data structures, and integrating with backend APIs.

Apex Meals SDK (Monorepo):

- Played a pivotal role in a **multi-client monorepo** designed to launch and manage numerous white-label meal subscription services from a single codebase.
- Managed end-to-end setup for new clients, including configuration, API integration, building bespoke Svelte components using dynamic routing (`[slug]`), and final deployment.
- Contributed to the UI development of the accompanying **React Native** mobile applications to ensure cross-platform consistency and a unified user experience.

Keus Smart Home Website (GSAP Animation):

- Implemented complex, scroll-based cinematic animations using **GSAP** to create a premium and interactive user experience for a luxury smart home brand.
- Engineered a high-performance animation technique by converting videos into image sequences with **FFmpeg**, creating an interactive "video-scrubbing" effect controlled by user scrolling via ScrollTrigger.

CMS Migration & Website Rebuild (Team DriveAway):

- Led the complete rebuild and migration of a legacy website to a modern stack using **Svelte** and a **headless CMS (Apex)**.
- Designed a highly efficient component-driven architecture where multiple similar sections were consolidated into single, reusable components, drastically reducing code duplication and improving long-term site maintainability.

Responsive Email Development:

- Developed high-fidelity, responsive **HTML email templates** for marketing and transactional use, mastering the technical constraints of email clients like Outlook and Gmail.
- Utilized table-based layouts and inline CSS to ensure pixel-perfect, consistent rendering across all major platforms and devices.

EDUCATION

- **Bachelor of Technology (B.Tech), Mechanical Engineering** | 2021 *Hindustan Institute of Technology and Science (HITS)*
- **Diploma in Mechanical Engineering** | 2018 *Aurora's Polytechnic Academy*