Renan Melo

Software Engineer • Web Platform • Product (UX/Docs/Ops) • Web3 (Wallet Auth)

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GitHub: SNE-Labs • **Website:** snelabs.space

Live product: /home • /radar • /pass • /vault

Summary

Self-taught, product-focused engineer who ships and operates production web systems with strong platform UX, documentation, and operational thinking. Built and unified multiple applications into a single OS-like web platform (SNE OS) with modular routes and trust surfaces (*docs, status, pricing*) to support onboarding and credibility.

Highlights

• **Unified platform**: OS-like experience (desktop + mobile) with integrated modules under one domain.

• **End-to-end product surfaces**: in-app Docs/Status/Pricing supporting onboarding, trust, and operations.

• **Web3 in product**: wallet connection + signature-based authentication; tiered access states (Free/Pro/Enterprise).

Experience

SNE OS — Independent project — Modular web platform (production)   Dec 2024 — Present
snelabs.space | Routes: /radar, /pass, /vault

• Unified multiple apps into a single OS-like platform with consistent navigation and modular routes (Radar/Pass/Vault).

• Built end-to-end product surfaces: Docs, Status, and Pricing to support onboarding, trust, and operations.

• Delivered wallet-based flows: connection + signature authentication, with tiered access states (Free/Pro/Enterprise).

• Shipped continuously with production-minded iteration: integration, troubleshooting, validation, and deployment.

SNE Vault Protocol — Technical documentation — specification and development plan   Jan 2024 — Present

• Authored technical materials for a sovereign infrastructure protocol (specs + development plan), emphasizing auditability and incremental delivery.

Selected Project — SNE OS

Title: SNE OS   Control-plane web console
Summary: A unified "control plane" web console for a Web3 / infra protocol—modules for market intelligence, wallet access, and a security/sovereignty surface.
Link: https://snelabs.space
What it helps users do: Navigate a single OS-like product to access modules, understand system state (Status), learn the product (Docs), and choose tiers (Pricing).
Customer: Early adopters who want a cohesive product interface for Web3-gated access + operational transparency.
Role: Product-focused software engineer (end-to-end).
Contribution / learnings: Scoped UX patterns for an OS-like console, integrated wallet auth flows, built trust surfaces, and stabilized a live deployment through iterative debugging and shipping.
Tech: React, TypeScript, SPA routing, wallet connection + signature auth, production deployment/ops.

Skills

Product & UX	Platform UX (navigation, states, tiers), OS-like UI, in-app documentation surfaces.
Web Platform	Modular SPA routing, integration of product modules, API-driven UI, Docs/Status/Pricing in-app.
Web3 (Product)	Wallet connection, signature-based authentication, state-driven access experience.
Operations	Deployment cadence, troubleshooting, validation, production iteration mindset.

Education

Self-taught — project-driven learning through production delivery, documentation, and rapid iteration.

Interests: platforms, systems UX, applied security (product), observability, and shipping-oriented engineering.