



Mira Tosca

Senior Fullstack & IoT Engineer

Full Stack Engineer (Node.js, Go, React) · IoT & Automation Specialist · Building MVPs from scratch. 10 years turning ideas into polished, production-grade web, desktop and IoT products.

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About

Senior Fullstack & IoT Engineer with **10 years of experience** building web and desktop applications. Proficient in JavaScript, TypeScript, React, Vue and Electron on the frontend, with strong backend skills in Python, Go and PHP. Passionate about **IoT systems** and **AI tooling** — from pet projects to production-grade platforms, always with an eye for clean architecture and reliable deployment.

Web & Desktop Apps

SPAs, e-commerce and Electron desktop tools — React, Vue, Nuxt, TypeScript.

IoT & Embedded

Kiosks, parcel lockers and smart storage — device logic plus polished UI.

AI-Powered Products

LLM-driven chatbots and an AI sales-trainer platform, shipped end-to-end.

■ SNAPSHOT

10+ Years of fullstack experience

7 Companies, from startups to product teams

10+ Public projects, pet to production

IoT Kiosks, lockers & smart storage

■ CORE STACK

- TypeScript
- React • Node.js
- Vue • Go
- Python
- Electron
- PostgreSQL
- Raspberry Pi
- MongoDB
- Docker

■ LANGUAGES & CURRENT

Spanish Native

English Professional

Focus: IoT & AI products

Style: Lean, end-to-end execution

Open to: Senior remote roles

— Work Experience

2015 — 2026 · Fullstack across the stack



Senior Fullstack Engineer · Sellminator

2024 — 2026

Independently took an **AI sales-manager trainer** from idea to production — architected and shipped the full stack, from frontend/backend services to real-time AI conversation simulation and deployment, delivering a working product used to train sales teams.



Fullstack Developer · AllYouNeedIsNFT

2022 — 2024

Shipped scalable standalone modules in **React/Vue and TypeScript** on top of frontend and backend services, integrating databases and third-party APIs to unlock new product capabilities.



Fullstack / Software Engineer · Versmet

2021 — 2022

Delivered production software for **parcel lockers and automated storage** — built the touchscreen kiosk UI, device control logic, and e-commerce store, and integrated it with real IoT hardware to run live, automated stations.



Fullstack Developer · Avantant

2019 — 2021

Shipped client websites, mobile apps, business-process bots, and APIs, taking projects from concept to launch and supporting them across their **full lifecycle**.



Fullstack Developer · Twans

2018 — 2019

Launched responsive websites, mobile apps, and automation bots end-to-end, plus **optimized existing solutions** to boost performance and reliability.



Fullstack Developer · Lambda

2017 — 2018

Built and shipped corporate and client websites, mobile apps, and automation bots, integrating external services and APIs and **keeping live projects running smoothly**.



Fullstack Developer · Enigma

2015 — 2017

Designed and delivered client websites of varying complexity, mobile apps, and communication bots — turning business requirements into **working, shipped solutions**.

— Toolbox & Skills

● Frontend

- TypeScript
- JavaScript ● React
- Vue ● Nuxt
- Electron ● HTML
- SCSS

● Backend

- Node.js ● Python
- Go ● PHP ● Flask

● Databases

- PostgreSQL ● MySQL
- MongoDB ● SQLite

● Tools & DevOps

- Git ● Bash ● Linux
- Docker ● Vite

● Hardware & IoT

- Raspberry Pi
- Arduino

● Special Areas

- React Native ● Pinia
- Storybook ● REST APIs
- Real-time
- Deployment

— What I Bring

End-to-End Ownership

From architecture and UI to backend services, real-time logic and deployment — I build and ship complete products (e.g. Sellminator's AI trainer, built solo).

IoT & Hardware-Minded

Hands-on with Raspberry Pi, Arduino, touchscreen kiosks and smart storage lockers — bridging embedded hardware and polished user interfaces.

AI-First Approach

Actively integrating AI tooling and LLM-based features — from AI chatbots to conversational sales training and developer-facing assistants.

Modern Frontend Craft

Deep fluency in React, Vue, Nuxt and Electron with TypeScript, plus SCSS and component libraries — focused on UX, performance and maintainability.

Pragmatic Backend

Computer-software-grade services in Node.js, Python, Go and PHP — clean APIs, efficient databases and third-party system integration.

Scalable Modules

Experience building standalone, scalable modules with their own databases and APIs (AllYouNeedIsNFT), ready to plug into larger ecosystems.

Selected Projects

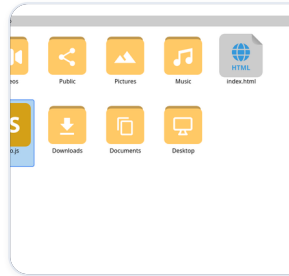
github.com/SombraEAX · live demos on render



hud-library

TypeScript Tailwind
Storybook

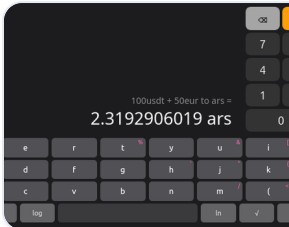
Reusable UI components for interactive 3D apps — BIM/CAD viewers, medical imaging, GIS and engineering visualization.



file-manager

Electron Vue

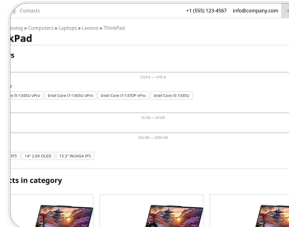
A Linux file manager built with Electron and Vue — native-feeling desktop experience for organizing files.



sombracalc

React Native TypeScript

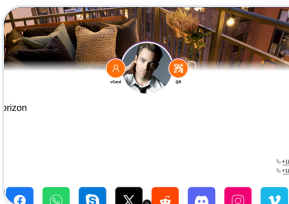
Powerful calculator app for Android with graphing, unit conversion and real-time currency rates.



online-store

Nuxt TypeScript SCSS

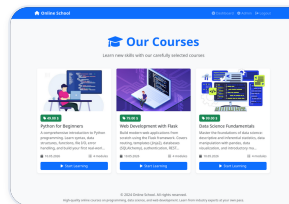
Responsive e-commerce frontend with catalog, product details, search and filtering.



social-profile

Nuxt TypeScript Pug

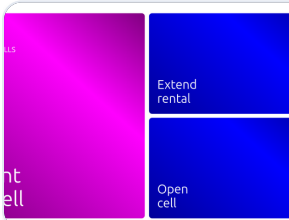
Modern digital business-card SPA with social links, property gallery and QR-code popup.



online-school

Python Flask SQLite

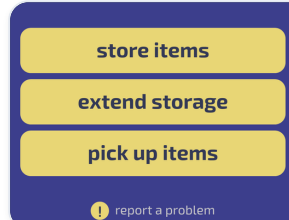
Online school engine for managing courses and students on the full Python stack.



smart-locker-frontend

Vue TypeScript Pinia

Touchscreen kiosk frontend for automated storage locker management (Versmet IoT product).



locker-frontend

Vue Kiosk UI

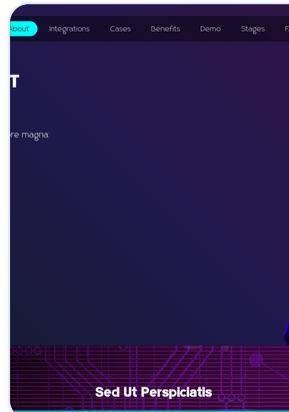
Kiosk-mode web interface for smart storage locker systems with touch-optimized UI.



postcard-marketplace

React TypeScript Vite

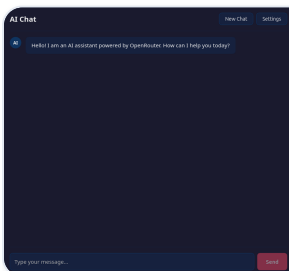
Responsive landing page with drag-to-scroll carousel and full-screen previews.



cyberpunk-landing

React TypeScript Vite

High-conversion cyberpunk-themed landing page with scroll-driven animations and glassmorphism.



chatbot

React Electron AI

AI chatbot application built with React, TypeScript and Electron — desktop-ready conversational assistant.