

Santiago Hermosilla

FULL STACK DEVELOPER

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PROFILE

Full Stack Developer trained at UTN, specializing in native web architecture (vanilla JavaScript and CSS), web performance optimization and accessible UI/UX built to WCAG contrast standards. I build responsive interfaces with no external dependencies, and end-to-end applications with React, TypeScript, Node.js, Express and relational and non-relational databases, covering REST API design, data modeling, layered architecture, authentication and public deployment. I have delivered production-ready work for a real client with live traffic and active sales campaigns, and I care about clean, maintainable code and interfaces that feel intuitive without needing an explanation.

EXPERIENCE

Independent Web Developer

2026 – PRESENT

Eugenia Quevedo — Official Store · eugeniaquevedo.com

- Development and customization of the singer's official online store on Tiendanube, building a custom theme from scratch in Twig, HTML, CSS and JavaScript on top of the platform's templating engine.
- Front-end performance tuning and responsive layout work — image optimization, render-blocking asset reduction and mobile-first breakpoints — on a live store with real traffic and active sales campaigns.
- UX and conversion-funnel improvements across product, cart and checkout views, plus cross-browser and accessibility fixes.
- Ongoing maintenance and iterative improvements released directly to production, coordinated with the client.

PROJECTS

01 Slate TypeScript · React · Node.js · WebSocket · PostgreSQL · CRDT

coedit-a0jk.onrender.com

Real-time collaborative whiteboard and text editor for multiple concurrent users. Implemented three CRDTs from scratch — no synchronization libraries — so concurrent edits never conflict, survive going offline and converge to the same state, with convergence verified by an automated test suite. WebSocket transport layer, PostgreSQL persistence and conflict-free state reconciliation on reconnect.

02 FrameBox React · Express · MongoDB · MySQL · JWT

Final Capstone Project — UTN

End-to-end film repository built on a monolithic layered architecture (routes → controllers → services → repositories), with REST API design and relational data modeling over related entities. Each user builds a collection, sorts it by status and genre, rates titles and marks favourites. Full CRUD, bcrypt password hashing, JWT with expiration, protected routes and email verification through Nodemailer. Frontend and backend deployed independently.

03 Weather Dashboard JavaScript · Canvas API · Open-Meteo API

weather-app-santiago.vercel.app

Real-time weather analytics dashboard with animated cinematic scenes rendered on the Canvas API that react to live meteorological conditions, an hourly forecast interpolated every 30 minutes, geolocation with timeout handling, air-quality data and internationalization across five languages.

04 Task Tracker React · Vite · Drag & Drop API · LocalStorage

task-tracker-santiago.vercel.app

Task manager with full CRUD, native HTML5 drag & drop reordering with index-safe state reconciliation, priorities, inline editing with keyboard shortcuts, filtering, a progress bar and complete client-side persistence in localStorage.

05 Personal Portfolio HTML5 · CSS3 · Vanilla JavaScript · Matter.js

santiagohermosilla.com

Designed and engineered a framework-less portfolio with a fully native architecture, minimizing external dependencies to achieve near-instant load times. Custom state management for a scripted load sequence and scroll-driven animations, dark and light themes validated against WCAG AA contrast ratios, dynamic internationalization (i18n) and a lazy-loaded 2D physics engine that is only fetched on demand. Semantic, W3C-validated and SEO-friendly markup with structured data, and full keyboard accessibility with reduced-motion support.

TECH STACK

FRONTEND

HTML5CSS3ReactJavaScript ES6+TypeScriptVanilla JSFlexbox / GridResponsive

Canvas APIAccessibility (WCAG)i18nVite

BACKEND

Node.jsExpressREST APIsJWTbcryptNodemailerWebSocketAuthentication

DATA

MongoDBMongooseMySQLPostgreSQL

TOOLS

GitGitHubVS CodeVercelRenderAWSTiendanubeVitestnpmTwig

PRACTICES

REST API designData modelingLayered architectureWeb performanceResponsive designSEO

Unit testingGit flowAgile / Scrum

EDUCATION

Full Stack Web Development Diploma

JUL 2026

Universidad Tecnológica Nacional — FRBA · 186 h · Online

JavaScript, TypeScript, React, Node.js, Express, MySQL, MongoDB and Mongoose, JWT authentication, AWS and deployment on Render, Vercel and Heroku.

Introductory Web Programming Course — Front End Developer

MAR 2026

Universidad Tecnológica Nacional — FRBA · 93 h · Grade: Excellent

Semantic HTML5 and accessibility, advanced CSS3 with Flexbox, Grid and animations, JavaScript ES6+ with DOM, fetch and promises, and React with components, hooks and state management.

Bootcamp — Agent-Based Software Development with Kiro

2026

Amazon Web Services (AWS)

High School Diploma — Natural Sciences

2018 – 2023

E.E.S. N.º 2 «Gral. Juan Lavalle» · Buenos Aires

ADDITIONAL

Languages: Spanish (native) · English — C1 Advanced

Interests: web development, UX/UI, open source

Availability: immediate — remote or hybrid

Time zone: Buenos Aires (UTC−3)