

# Hernan Agustín Luna

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## Profile

Software Developer focused on clean architecture, performance, and user-centered interfaces. Passionate about solving real problems through thoughtful engineering and continuous learning.

## Projects and Experience

### SongSeek – Full-Stack Playlist Converter

React · Express · TypeScript · OAuth · SSE

- Built a platform to convert playlists and tracks across Spotify, YouTube Music, Deezer, Apple Music, Tidal, and Amazon
- Implemented OAuth authentication, cross-platform search algorithms, and real-time conversion updates with 85% success rate
- Designed a responsive UI with drag-and-drop and a manual track-matching workflow

### PuntoCultura – Cultural Events Platform

Django · DRF · PostgreSQL · JWT

- Developed the official website for the Department of Culture of Santiago del Estero with JWT authentication and role-based permissions
- Designed the backend, database models, and an admin dashboard with CRUD, filters, media uploads, and integrated maps
- Managed deployment on a private server as well as modern hosting platforms

### TuPDF – Client-Side PDF Toolkit

React · TypeScript · MUI

- Created a browser-only PDF editor (split, merge, compress, convert, organize pages)
- Optimized performance for large files using Web Workers and incremental rendering
- Built a responsive, multilingual (8 languages) UI with dark mode

### Portfolio – Personal Website

Next.js · Chakra UI · Framer Motion

- Developed interactive animations, modals, and SEO-optimized pages
- Improved performance, reaching 98/100 on Google Lighthouse (Performance)

### Ahorcado – Interactive Hangman Game

Next.js · TypeScript

- Built a multi-language game with API-generated words, dark mode, and full keyboard support

## Relevant Education

**Instituto Tecnológico de Santiago del Estero (ITSE)** – Higher Technical Degree in Software Development

- **2023–2025** – Training in software engineering, full-stack development, databases, system design, agile methodologies, and DevOps
- Includes professional internships in public and private institutions

**Universidad Nacional de Santiago del Estero (UNSE)** – Computer Systems Repair & Maintenance

- **2023** – Hardware diagnostics, OS installation and maintenance, Linux/Windows administration

## Skills

**Programming Languages:** Python, JavaScript, TypeScript, HTML5, CSS3, Java

**Frameworks & Tools:** Django, React, Next.js, Node.js, Express, Angular, Framer Motion, Chakra UI, Docker, Git, GitHub Actions, nginx

**Databases:** MySQL, PostgreSQL, SQLite, MongoDB, Supabase

**Languages:** Spanish (native), English (fluent)