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Wassim Soltani

Software engineer • Tunisia, working remotely

Software engineer, mostly. I take ideas and see them all the way through, from the first decision to the day people start using them.

Experience

Senior software engineer • Vantage Labs

Apr 2022 – now

- Full time on the development team, working through my company, Blueblood. Fully remote.
- WriteAhead: built its browser extension and helped on the AI essay feedback. I now work on the web app's frontend, and built one of its modules end to end, from a Spring Boot and PostgreSQL backend to the interface.
- ZebraPay: designed and built a browser extension that automates a multi-step data import, with a Node.js backend, OCR and AWS Bedrock.
- CorrectEnglish: features across the platform, with a React and TypeScript frontend and a Spring Boot backend.

Lead full-stack developer • Almaviva

Sep 2019 – Mar 2022

- Led the development of enterprise web applications, from requirements to release. Shipped four major applications.
- Deployed and ran them on AWS and on self-hosted servers.
- Mentored three junior engineers and ran the regular meetings with stakeholders and clients.

Projects

My own products, which I build and run myself.

Netherstone • Desktop app

Public beta since Oct 2026

Keeps your documents, drawings and files in a folder on your computer, synced across your devices and fully offline. Free and open source (GPL-3.0), on Windows, macOS and Linux.

Tauri, Rust, React, Plate, Excalidraw, SQLite, Git

wsoltani.com/projects/netherstone

Syncify • Spicetify extension

Released May 2026

Backs up your Marketplace extensions, themes and snippets, and restores them when Spotify breaks. 4.9k accounts backed up. Free and open source (MIT).

TypeScript, React, Spicetify, Cloudflare Workers, Cloudflare KV, esbuild, GitHub Actions

wsoltani.com/projects/syncify

Yapora • Windows app

Public beta since Sep 2026

Turns any image into an avatar that reacts to your voice, live in OBS or rendered to a video. Exports render frame by frame, so they never drop a frame or drift out of sync.

Rust, Tauri, TypeScript, React, Zustand, Mediabunny, Vite

wsoltani.com/projects/yapora

Lyrica • Private app

Times every word of a song's lyrics with machine learning, on my own GPU. A 3:17 song takes about 53 seconds on an RTX 3060 Ti; the app itself runs on Cloudflare.

Python, PyTorch, wav2vec2, MelBand RoFormer, librosa, TypeScript, React, Hono, Cloudflare Workers, D1, R2, Durable Objects

wsoltani.com/projects/lyrica

In use since Oct 2026

Switchflare • Browser extension

Switch between Cloudflare accounts in one click. Logins stay encrypted on your computer.

TypeScript, React, Plasmo, Tailwind CSS, shadcn/ui, WebCrypto

wsoltani.com/projects/switchflare

Not released yet

Older projects: wsoltani.com/archive

Education

Master's degree in computer science • Tek-Up University

2019 – 2022

Software engineering and information systems.

Bachelor's degree in computer science applied to business management • ULT, Tunisia

2016 – 2019

Private School

Skills

Languages	TypeScript, JavaScript, Java, Python, Rust
Frontend	React, Next.js, Astro, Angular, Tailwind CSS, browser extensions
Backend	Node.js, Spring Boot, Hono, REST APIs, Keycloak, OAuth2
Desktop	Tauri
Cloud	Cloudflare Workers, D1, R2, KV, Durable Objects, AWS, Docker, Linux servers
AI	AWS Bedrock, Cloudflare AI, PyTorch, embeddings and vector search, RAG
Data	PostgreSQL, MySQL, MongoDB, Elasticsearch
Product	Product management, brand identity, technical writing and documentation

Languages

English	Native or bilingual
Arabic	Native or bilingual
French	Fluent (DELF B2)