SILVIO AGUILAR

Software Development · Cybersecurity

@kurzerhand · Madrid · «We hack to protect»

github.com/silvio-aguilar linkedin.com/in/silvio-aguilar instagram.com/kurzerhand bguardian.app

top-word.impulsa-tu.com

PROFILE

Full stack developer and cybersecurity student in Madrid. Mobile (Flutter, React Native) and web (React, TypeScript) apps with Firebase and Supabase. One app live on Google Play. Background in film and sound.

EXPERIENCE

01/2024 – 05/2024	**Godman Enterprises**
02/2023 – 10/2023	**Production assistant** — Los Ilusos Films SL Jonás Trueba's production company.
2021	**Supporting role in "Quién lo impide"** — Dir. Jonás Trueba Goya Award for Best Documentary.

EDUCATION

10/2025	**Interactive Products and Serious Games with Unity for SMEs** — CEINPRO GDPYMES programme, funded by Next Generation EU. 150+ hours.
2025 – present	**Cross-platform & Web Application Development (DAM + DAW)** — Euroformac Madrid Second year in progress. First year passed with a 9/10 average.
2023	**Full stack web development bootcamp** — Fundación Tomillo · Factoría F5 Frontend, backend, databases, REST APIs, version control and web application security.
2023	**Higher Technician in Sound for Audiovisual and Live Shows** — IFP Carlos María Rodríguez de Valcárcel
	IFCD0210 · Web application development (level 3 certificate) — Certificado de profesionalidad
	Studies at U-tad — U-tad
	Film workshop with Jonás Trueba — Cine en Curso "Cine en Curso" programme.
	Arts Baccalaureate — IES Rey Pastor Including photography and graphic design workshops.

SELECTED PROJECTS

BGuardian · Flutter, Dart, Firebase
Community-safety app: real-time reports, area map, photos, points and badges, plus in-app account and data deletion.

Horizon · Flutter, Firebase, LLM API
Personal organiser with an AI assistant.

VeoVeo · React, TypeScript, Open data
Real-time map of Madrid: metro, buses, BiciMAD bikes, traffic and cameras.

Top-Word
A platform to collect and vote on words.

Centinela · Kotlin, Android, Firebase, Web
Final degree project: security incident management with an Android app and a web dashboard.

IAExp · Python, Ollama
Local AI agent built on Ollama, with human approval in the loop before every action.

SKILLS

Mobile: Flutter / Dart, Riverpod, React Native, Expo, Kotlin / Android
Web: React, TypeScript, Vite, Tailwind CSS, Node.js, Laravel / PHP, WordPress
Backend & cloud: Firebase, Supabase, Python, MySQL / MariaDB, MongoDB, Docker, AWS
Security: Kali Linux, Web application security, Threat detection
Games: Unity, C#, Photon
AI: Gemini API, Claude API, Ollama
Java: Java, Swing, Concurrency
Audiovisual & design: Live sound, Studio recording, Sound post-production, Production, Photoshop, Figma

LANGUAGES

Spanish: Native · English: B2 · German: A1