

Alkan Zilgir

FULL STACK DEVELOPER

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PROFILE

Software engineering student from Prishtina building things on both sides of the stack. Spent two years at a national TV channel keeping live broadcasts running, did a semester abroad in Lithuania, and has been picking up new technologies ever since. Comfortable from putting together a frontend to wiring up a backend with proper auth and a database.

EXPERIENCE

Playout Operator Jan 2023 – Feb 2026
TËVË1 · Prishtina, Kosovo

- Kept the channel running live every day. Any mistake went out to thousands of viewers, so you learn to stay sharp fast.
- Diagnosed and fixed technical issues during live broadcasts, often with no room for error and no time to think twice.
- Worked closely with the production team on scheduling, content ingestion, and live event coverage.
- Handled media servers, signal routing, and the playout automation system on a daily basis.

EDUCATION

BSc Computer Science — Software Engineering Oct 2023 – Present
Kolegji AAB · Prishtina, Kosovo
Algorithms, data structures, OOP, databases, operating systems, web development.

Exchange Semester — Computer Science Feb 2026 – Present
Šiauliai kolegija · Šiauliai, Lithuania · Erasmus Exchange
International academic exchange, studying alongside students from across Europe.

SKILLS

Frontend	HTML, CSS, JavaScript, React, Vue
Backend	PHP, Laravel, Java, Python, C / C++, C#
Data & Tools	SQL, MySQL, Git, Linux, REST APIs, Firebase, Supabase

PROJECTS

AthleteOS *JavaScript · Supabase · Stripe · PWA · GitHub Actions*
A full-featured fitness PWA covering workouts, nutrition, sleep and body composition. Supabase backend with Postgres and Edge Functions, AI coaching via API, Stripe payments, Google OAuth, offline support via

service worker, and push notifications. Tested with Playwright and shipped via GitHub Actions CI.

Finance Tracker

Laravel · PHP · MySQL · Tailwind CSS · GitHub Actions

A full-stack finance tracking web app built with Laravel. Features expense management, data visualisation, and a clean UI with Tailwind CSS. Includes database migrations, unit tests, and a CI pipeline.

User Management System

PHP OOP · MySQL · PDO · Sessions

A login system with admin and user roles, bcrypt password hashing, and a MySQL database. Built using proper OOP patterns: abstract classes, interfaces, traits, and namespaces.

Board Royal

JavaScript · Firebase · PWA

Multiplayer board game PWA with 5 games including a full chess engine with castling, en passant and pawn promotion. Firebase Realtime Database for online multiplayer and auth, service worker for offline play.

Cloud Vault

JavaScript · Cloudinary API · PWA · Service Workers

A PWA for personal cloud storage backed by Cloudinary. Works offline via service workers and is installable on mobile as a native-like app.

CERTIFICATIONS

Java Programming

Cactus Training Centre · Prishtina, Kosovo

LANGUAGES

Albanian — Native Turkish — Native English — C1