

Alexandru Bangală

Senior Backend & Edge
Dev · Cloudflare Ecosystem
· Full-Stack Developer ·
TypeScript/NodeJS/Vue.js

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📍 Bucharest, Romania

 **LinkedIn**

[proatwork](#)

I pick up whatever stack
the problem needs and
ship production code in it,
from Magento storefronts to
multi-tenant edge systems.

 **Skills**

Languages & Runtimes

TypeScript (Advanced), JavaScript,
Node.js, Deno

Edge & Cloud Platform

Cloudflare Workers, Durable Objects,
Workflows, Queues, R2, D1, KV, Pages,
Zero Trust, Edge Caching, Serverless
Architecture

AI-Assisted & Agentic Development

Agentic Coding Workflows, Claude
Code, Cursor, Gemini, Multi-Agent
Workflows (Subagents, Parallel
Execution), Prompt & Context
Engineering, MCP (Model Context
Protocol) Tooling, AI-Assisted Code
Review

Architecture & Real-Time

Multi-Tenant Architecture, Distributed
Systems, Service-Oriented
Architecture, WebSockets, Real-Time
Systems, Workflow Orchestration,
Monorepo Architecture, System
Design, Technical Documentation /
ADRs

API & Backend Engineering

Hono, Express, REST, GraphQL,
OpenAPI 3.1, Contract-First API Design,
RBAC, Webhook Integration, Web
Security (CORS/CSP)

Databases & Data

MySQL, PostgreSQL, Redis, MongoDB,
Supabase, ClickHouse, TiDB,
ArangoDB, Macrometa, Serverless
MySQL, Prisma, Query Builders,
Schema Migrations

Payments

Stripe Connect, Marketplace
Payments, Revenue-Split Engineering,
Payment Systems Integration

Video & Streaming

Video Streaming Architecture,
Adaptive Bitrate Streaming (HLS), CDN
Architecture, Video Player Engineering,
Media Analytics, Video Transcoding
Pipelines (GPU-accelerated), FFmpeg

Experience

Display None

Full-stack Engineer

Bucharest, Romania

June 2021 - Present

- Sole engineer across architecture, implementation and operations for high-traffic video and marketplace platforms.
- Built multi-tenant real-time systems on Cloudflare Workers and Durable Objects using the WebSocket Hibernation API.
- Designed durable multi-step provisioning with Cloudflare Workflows and a service-oriented architecture spanning dozens of interconnected Workers.
- Built marketplace payments infrastructure with tiered fees and multi-party revenue splits.
- Built media infrastructure: viewing analytics with anti-fraud safeguards, GPU-accelerated transcoding pipelines and edge content delivery.
- Built admin interfaces, dashboards and web apps in TypeScript with Vue.js and Astro, plus custom edge-delivered video players.
- Data layers on serverless MySQL at the edge, with multi-domain schemas and query layers.

Toptal

Full-stack Magento Developer

Bucharest, Romania

July 2019 - Present

- Delivered full-stack Magento 1 and Magento 2 development on remote client engagements.
- Built custom frontend themes and UI components, plus backend modules and extensions, from template to server-side logic.
- Built Vue.js interfaces for client projects, beyond the Magento frontend layer.

Nordic Web Team

Magento Front-End Developer

Bucharest, Romania

April 2014 - December 2019

- Delivered custom themes and UI components across 30+ Magento 1.x and 2.x storefronts.
- Migrated storefronts from Magento 1 to Magento 2, rebuilding themes and UI components on the new frontend stack.
- Built Magento 2 frontends with LESS, KnockoutJS, and RequireJS.
- Developed custom PHP extensions and modules, adding admin configuration options so merchants could control storefront behavior without code changes, plus overrides of core Magento behavior.
- Collaborated with cross-functional teams to ship high-quality storefront features.

Self-employed

Freelance Web Developer

Bucharest, Romania

February 2013 - April 2014

- Built custom themes and UI components for Magento, WordPress, Drupal, and OpenCart.
- Delivered projects for a Swiss client, including work with customer data.
- Worked directly with clients to turn design requirements into tailored solutions.

Magendoo Interactive

Front-end Developer

Bucharest, Romania

July 2012 - February 2013

- Implemented Magento themes for two of Romania's largest retailers, including its largest home improvement retailer.
- Developed frontend themes for Magento Enterprise and Community from PSD/AI/layered PDF designs.
- Handled bug fixing and cross-browser compatibility across IE7–IE9, Opera, Firefox, Chrome, and Safari.
- Used Git for version control.

Inside Media Communication

Web Developer

Bucharest, Romania

March 2011 - July 2012

- Implemented frontend themes for a custom-built CMS from PSD / AI / PDF designs.
- Handled bug fixing and cross-browser compatibility (IE7–IE9, Opera, Firefox, Chrome, Safari).
- Built interactive UI components with jQuery UI.

Certifications

Adobe Certified Expert - Magento Commerce Front-End Developer

<https://www.credly.com/badges/67fff649-5222-48d8-8f01-db272acc4be7>

Magento 2 Certified Front End Developer

Magento 1 Certified Front End Developer

 Frontend

Vue.js, Astro, TailwindCSS, SCSS,
Performance Profiling & Optimization

 E-Commerce & CMS

Magento 1, Magento 2, OpenCart,
WordPress, Drupal, PHP

 Tooling & Testing

Git, Github Actions, Linux Server
Configuration & Administration,
Docker, Jest, Vitest, Playwright

 Languages

English C1

 Education

Spiru Haret University
Computer Science

Undergraduate
Bucharest • 2010 - 2013