BOGDAN IOAN NECHIFOR



SOFTWARE DEVELOPER

Backend · Integrations · AI-driven Automation

Madrid, Spain · bnechifo@gmail.com · +34 666 262 990
linkedin.com/in/bogdan-nechifor · github.com/acado1986

PROFILE

Software Developer specializing in backend development, APIs and systems integration, with experience delivering enterprise software projects. I have developed solutions using Adobe Commerce / Magento 2, PHP and Node.js, REST and GraphQL integrations, and asynchronous cloud workflows. I collaborate with technical and business teams to solve complex problems and deliver maintainable solutions. I also design AI-assisted engineering workflows using specialized agents, custom skills, MCP and OpenSpec.

PROJECT EXPERIENCE

Backend development & integrations · Repsol

VASS · Repsol eCommerce — Dec 2022 – Present

- Developed Adobe Commerce / Magento 2 backend modules and business logic for catalogues, pricing, inventory, customers, orders and checkout.
- Designed and maintained REST/GraphQL APIs and integrations with enterprise applications and third-party services.
- Built asynchronous, event-driven processes with RabbitMQ, Adobe I/O Events, and webhooks.
- Developed automations with Adobe App Builder, Node.js and React, including scheduled jobs, execution states, retries and coordination of long-running tasks via Adobe I/O Runtime.
- Troubleshot search, indexing and data synchronization issues across Live Search, Catalog Service, and cloud environments.

Backend development · Padel Nuestro

Kiworks Consulting for VASS — Jan 2023 – Dec 2024

- Integrated ERP and PIM systems via REST APIs to synchronise product catalogues, pricing and inventory.
- Improved product, cart, and order workflows; validated synchronization, caching, and data consistency.

Dates reflect client projects, some delivered in parallel.

OTHER PROJECTS

RS Online

Oct 2024 – Feb 2025

Content components, templates, and technical support for teams working with Adobe Commerce Page Builder.

Bella Aurora

Sep 2023 – Mar 2024

Access control, customer-group visibility, segmentation, and backend promotion rules.

Sentua / Perfumerías Unidas

Customization, segmentation, and commercial logic for e-commerce solutions.

AI & AUTOMATION

AI-assisted software development

Engineering workflows for requirements analysis, planning, implementation, code review, and change verification.

Agents and execution frameworks

Built specialized agents, custom skills and agent harnesses to structure context, instructions, tools, and validation.

Engineering workflows

Used OpenSpec for exploration, proposals, design, implementation, and verification; selected models by task.

Integrations and automation

Connected development tools through MCP and built workflows with n8n, Azure DevOps, and language models.

EXPLORATORY: LangGraph prototypes and agent-orchestration patterns; not presented as production deployments.

TECHNICAL SKILLS

DEVELOPMENT

PHP · Node.js · JavaScript · TypeScript · React · SQL

PLATFORMS & SERVERLESS

Adobe Commerce · App Builder · Adobe I/O Runtime · AEM · EDS

CLOUD & DEVOPS

AWS · Git · Azure DevOps · Jenkins · CI/CD · Jira

APIS & INTEGRATIONS

REST · GraphQL · API Mesh · Webhooks

DATA, MESSAGING & EVENTS

MySQL · Redis/Valkey · OpenSearch · RabbitMQ · Adobe I/O Events

AI AND AUTOMATION

Agents · MCP · OpenSpec · n8n · LangGraph (exploratory)

CERTIFICATIONS

Adobe Certified Expert — Adobe Commerce Developer (AD0-E725) · 2025–2027

Adobe Certified Professional — Adobe Commerce Developer (AD0-E717) · 2024

Shopify Development Fundamentals · 2025

EDUCATION

Higher Technician in Multiplatform Application Development (DAM) · IES Alonso de Avellaneda · 2021–2022

University studies in Economics and Business Administration · Transilvania University of Brașov · 2006–2009

LANGUAGES

Romanian · native Spanish · full professional English · full professional