

BALOG ALIN

Full-Stack Developer

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CAREER SUMMARY:

Full-Stack Developer with 3+ years of experience modernizing enterprise applications using **.NET** and **Angular**. Skilled in **Domain-Driven Design**, **CQRS**, and **Event Sourcing** across complex domains including warehouse management and benefits platforms. Led legacy migrations (**AngularJS** to **Angular**, **TFS** to **Git**), implemented rate limiting and reliability improvements for high-traffic flows, and delivered multi-locale CMS and analytics solutions using **Azure**, **MongoDB**, and **Power BI**. Eager to adopt new tools and frameworks, equally comfortable building in **React/Next.js** as in **Angular** or **.NET**. Committed to code quality, mentoring, and pragmatic architecture.

WORK EXPERIENCE:

Qubiz

Full-Stack Developer | April 2023 – Present

Customer Benefits Platform

A multi-language, multi-locale platform with both user-facing and admin-facing interfaces.

- Tackled bugs, analyzed features, and performed refactoring.
- Participated in code reviews and provided architectural guidance to team members
- Contributed to modernization efforts, upgrading the frontend with Angular (from an older version) and the backend from .NET Framework to .NET 7.
- Implemented a Rate Limiter to improve system performance and reliability.
- Authored GitHub Copilot guidelines and maintained developer resources (skills, .md files, agents, tooling tips) to drive a healthy AI adoption across the team
- Embedded Power BI dashboards to surface analytics directly in the frontend
- Built a comprehensive CMS for sending templated messages to Microsoft Teams (multi-template, multi-locale)

Warehouse Management Project

A comprehensive warehouse management system designed to give enterprises full visibility into their warehouse operations. The system includes functionalities such as:

- **Inventory:** Creating and managing items.
- **Inbound:** Receiving stock.
- **Outbound:** Managing orders.
- **Trips:** Tracking stock arrivals and departures.
- **Warehouse Management:** Creating and managing racks, labor areas, and docks.

The project implemented complex business logic using **Domain-Driven Design (DDD)**, **CQRS**, and **Event Sourcing**, with **Azure Service Bus** as the message broker.

- Tackled bugs, analyzed features, and performed refactoring.
- Contributed to the Angular migration (from AngularJS to Angular).
- Provided guidance to colleagues during the migration from TFS to Git.
- Participated in code reviews and supported the team with technical questions.

PASSION PROJECTS:

BlooDoChallenge

Full-Stack Developer | November 2022 – January 2025

I Joined BlooDoChallenge as a **volunteer developer**

The platform features a comprehensive system for registering blood donations, validating donated blood, and rewarding donors with points that can be redeemed for offers from partners. It also includes tools for managing blood donation campaigns and emergency blood needs.

- Helped with the Angular migration, focusing on the organization admin dashboard and user-facing blood donation campaigns.
- Created a blood emergency feature for transfusion centers to streamline communication of urgent blood type needs.

EDUCATION:

2018 – 2022 | University of Oradea

Bachelor's Degree in Mechatronics, Robotics and Automation Engineering

SKILLS:

Backend Development: .NET, Entity Framework (Code First), CQRS & Event Sourcing, Domain-Driven Design (DDD).

Frontend Development: Angular (Modern), AngularJS (Legacy), HTML/CSS, TypeScript/JavaScript, React, NextJS.

Architecture & Design: iDesign Methodology, Domain-Driven Design, Event-Driven Architecture, API Design & RESTful Services.

Databases & Storage: SQL Server, MongoDB, Azure Table Storage, Redis (Caching).

Message Queues & Integration: Azure Service Bus, RabbitMQ, Event-Driven Messaging.

Cloud & DevOps: Microsoft Azure, Git Version Control, Team Foundation Server (TFS), GitHub, CI/CD Practices,

Soft Skills: Problem Solving & Analytical Thinking, Cross-functional Collaboration, Agile/Scrum Methodologies, Code Review & Mentoring, Documentation & Technical Writing, Requirement Analysis, Optimist and open with AI collaboration.