



MYKYTA BUSHCHAN

Senior Full-Stack Engineer Technical Lead

.NET · React · Node.js

CONTACT

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Permit S · Open to relocation

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CORE TECHNOLOGIES

Backend

C# · .NET / ASP.NET Core · C · C++
Node.js · Python / FastAPI

Frontend

React · Next.js · TypeScript · Angular
PHP · Liquid

Cloud & DevOps

Azure · AWS · Docker · CI/CD

Data & Messaging

SQL Server · PostgreSQL · Firebase
MongoDB · Redis · RabbitMQ

Architecture

Microservices · Event-Driven Systems
REST APIs · Real-Time Systems
Payment Integrations

LANGUAGES

English — Fluent
French — B1
Ukrainian — Native
Russian — Native

PROFESSIONAL SUMMARY

Technical Lead and Senior Full-Stack Engineer with 9+ years delivering complex production systems — currently owning a multi-tenant ERP platform end-to-end. Built payment orchestration across Stripe, Worldline/SaferPay, and Fondy, event-driven backends serving 10k+ IoT devices, and data pipelines processing 100K+ records/sec. Hands-on across .NET, Node.js, React/Next.js, TypeScript, Azure, and AWS, with focus on distributed systems, real-time APIs, and scalable integrations. Led teams of 3–8 engineers while staying deep in architecture and code.

WORK EXPERIENCE

LOUDER.ME SA

Technical Lead / Senior Full-Stack Engineer
2025 — Present · Geneva, Switzerland · On-site

Multi-Tenant ERP Platform for Event & Venue Management

- Independently own the technical development of the platform end-to-end, taking responsibility for system architecture, technology decisions, frontend and backend development, third-party integrations, deployment, and production support.
- Architected and developed a configurable multi-tenant ERP combining venue management, booking, ticketing, CRM, payments, calendars, notifications, analytics, and business operations across multiple organizations, locations, languages, currencies, and user roles.
- Built a custom payment orchestration layer integrating Stripe, Worldline/SaferPay, and Fondy through a unified API, with dynamic routing, refunds, webhooks, reconciliation, and centralized transaction management.
- Developed an event-driven backend with asynchronous processing, scheduled jobs, automated notifications, RBAC, audit logging, third-party integrations, and automated physical access control through Unifi Access.

Tech: React · TypeScript · Node.js · Express · Firebase/Firestore · Redis · RabbitMQ · Stripe · Worldline/SaferPay · Fondy · Unifi Access

ARTKDEV

Senior Front-End Developer / Team Lead
2024 — 2025 · Geneva, Switzerland · Freelance

Manufacturing & Warehouse Management System (MES/WMS)

- Lead a team of **3 engineers**, coordinating task distribution, implementation, technical decisions, front-end/back-end integration, and delivery.
- Remained hands-on in front-end architecture and development, building reusable React/TypeScript components and configurable interfaces for complex manufacturing and warehouse workflows.
- Developed dashboards, drag-and-drop workflows, advanced data tables, calendars, permission-based navigation, multilingual/RTL interfaces, and document management functionality.

Tech: React · TypeScript · REST APIs · Ant Design · React Router · Axios · i18next · FullCalendar

INFOMIR

Senior Full-Stack Developer / Team Lead
2019 — 2023 · Ukraine, Odessa · On-site

IoT Platform for Smart City Infrastructure

- Lead a team of **6-8 engineers** building an IoT-driven Smart City platform for managing streetlights, energy consumption, and traffic sensors.
- Designed and maintained backend APIs (ASP.NET Core, REST + GraphQL) and event-driven pipelines with Kafka / RabbitMQ / MQTT for **10k+ IoT devices**.

Tech: ASP.NET Core (Web API), React.js, TypeScript, Ant Design, GraphQL, REST API, MQTT, Kafka, RabbitMQ, PostgreSQL, Redis, Azure IoT Hub, AWS S3, Docker, Kubernetes, Terraform, Azure DevOps, Prometheus, Grafana, ELK Stack

GETACCUM

Full-Stack Developer
2018 — 2019 · Ukraine · Freelance

E-Commerce Platform for Multi-Warehouse Inventory & Dealer Network

- Independently owned and delivered a major dashboard area of the platform, taking responsibility for frontend development, backend integration, external API connections, data flows, and technical implementation.
- Contributed to a distributed e-commerce platform connecting **10+ warehouses** and a dealer network, processing inventory data for more than **2M products** and improving update speed by approximately **70%**.
- Built management and analytics functionality covering warehouses, dealers, sales, KPIs, inventory, and operational reporting, including real-time communication using SignalR and WebRTC.

Tech: C# · ASP.NET Core · React · Azure · SQL Server · Entity Framework · SignalR · WebRTC

POOLZ

Back-End Developer
2017 — 2018 · Ukraine · Freelance

Decentralized IDO Platform & Blockchain Data Aggregation

- Built backend microservices processing blockchain and transaction data across **5 blockchain networks**, handling **100K+ records/sec** and processing more than **100B records**.
- Developed Web3/API integrations, optimized SQL processing, stored procedures, triggers, and transaction logic supporting trading bots and client balance calculations.
- Directly mentored one developer and provided technical guidance to several other engineers through problem-solving, knowledge sharing, and code-level support.
- Maintained approximately **97% unit-test coverage** and implemented CI/CD workflows across AWS infrastructure.

Tech: C# · .NET Core · AWS · SQL Server · PL/SQL · Web3 · Covalent API · xUnit · Moq

SELECTED PROJECT

Payment Orchestration Platform (POP)

Independent Project · 2026 — Present

- Developing a multi-provider payment orchestration platform with configurable routing, fallback, merchant configuration, transaction management, and analytics.
- Designing a modular provider architecture using Python/FastAPI and Next.js, enabling multiple payment providers to operate through a unified integration layer.

Tech: Python · FastAPI · Next.js · React · TypeScript · REST APIs · SQL

EDUCATION

Bachelor's Degree in Software Engineering
Polytechnic National University · 2020 — 2025

Software Development Program
Computer Academy IT STEP · 2014 — 2017