

ARTSIOM ABOZNY

Full-Stack Software Engineer | TypeScript, Node.js, React, .NET | Berlin

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Full-stack developer with end-to-end ownership: sole engineer on a B2B SaaS platform - Next.js / TypeScript frontend, Node.js and ASP.NET Core backends, PostgreSQL, Docker and CI/CD, through to production support.

EXPERIENCE

Full-Stack Developer (TypeScript / NestJS) - Vechnost, remote (*part-time*) | 04/2026 - 09/2026

- Migrated the production backend from ASP.NET Core 8 / Entity Framework to NestJS 11 + Prisma, keeping the PostgreSQL database and all catalog data intact by mapping the existing EF Core schema instead of migrating it.
- Replaced ASP.NET Identity (7 tables, cookie auth) with JWT in an httpOnly cookie, bcrypt and role-based access.
- Fixed production bugs (mixed content from absolute image URLs in the DB, latin1-corrupted Cyrillic filenames), rebuilt the React admin panel; Linux VPS with Nginx and a systemd service with health-check timer.

Full-Stack Developer - Relofair GmbH, Berlin (*sole engineer*) | 04/2025 - 03/2026

- Owned architecture, implementation, deployment and production support. Rewrote a legacy .NET application on Next.js / TypeScript and supported the pivot from B2C to a B2B CRM.
- Designed a multi-tenant PostgreSQL schema and 100+ REST endpoints, so 15+ B2B clients were onboarded through configuration only, with no code changes.
- Built two Python microservices (object detection, OCR) for photo and voice input over a 300+ item catalog, 96% / 99% accuracy.
- Implemented RBAC, automated PDF documents (offers, invoices, receipts with embedded Stripe payment), Stripe subscription billing, SendGrid email workflows, Lexware and Google Analytics/Ads integrations.
- Ran the full infrastructure alone on DigitalOcean - Docker, Nginx, certbot, PM2, systemd, GitHub Actions, releases and incident handling. Cut page load from 3-4 s to ~150 ms.

Full-Stack Developer (.NET / React) - Vechnost, Belarus | 04/2024 - 11/2024

Took a nationwide B2C business online on C#, ASP.NET Core and Entity Framework: sales grew 400% after launch. Built the React / Tailwind storefront, catalog admin panel, RBAC and VPS deployment with SSL.

Full-Stack .NET Developer - RentAGym, Belarus | 10/2023 - 05/2024

Built the backend of a B2B startup that was acquired at the MVP stage: C#, ASP.NET Core, Entity Framework, Clean Architecture, tenant-landlord roles and permissions, a scheduling model resolving booking conflicts, background services and real-time features over SignalR.

Junior .NET Developer - SaM Solutions, Belarus (*internship*) | 12/2022 - 03/2023

Delivered 20+ REST API endpoints on C#, ASP.NET Core and Entity Framework plus a background service computing statistical aggregates over 24-hour data streams.

Research Assistant - BSUIR, Minsk (*part-time*) | 12/2020 - 08/2023

Algorithms and data structures projects for a university lab run in partnership with Yandex: automated testing of algorithm implementations on large inputs against reference solutions, test-run statistics and datasets in Python (pandas) and MATLAB.

PROJECTS

Sensor Hub - IoT telemetry platform (*in progress*) | 06/2026 - present

ESP32 devices publishing over MQTT (Mosquitto) into a NestJS ingestion service; PostgreSQL / Prisma device registry; JWT auth with role-based access and per-user device ownership; Last Will liveness; Docker Compose; Next.js dashboard.

SKILLS

Languages: TypeScript, JavaScript, C#, Python, SQL, MATLAB, HTML, CSS

Frontend: React, Next.js, Tailwind CSS, Electron, responsive UI, REST API integration

Backend: Node.js, NestJS, ASP.NET Core, Entity Framework, Prisma, REST API design, Clean Architecture, multi-tenancy

Data & messaging: PostgreSQL, MS SQL Server, MySQL, Redis, MQTT (Mosquitto), SignalR, ESP32

Infrastructure: Docker, Linux, Nginx, systemd, PM2, Git, GitHub Actions, certbot, DigitalOcean

Integrations: Stripe, Lexware, SendGrid, Google Analytics / Ads, OpenAI / Anthropic APIs

EDUCATION & LANGUAGES

B.Sc. Systems Software Engineering - BSUIR, Minsk, degree recognized in Germany (ZAB) | 09/2020 - 06/2024

Languages: English B2, German B1 (intensive course, ongoing), Russian native, Belarusian native