ANTON MARCHENKO

BACKEND SOFTWARE ENGINEER | HEALTHTECH & DATA SYSTEMS

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SUMMARY

Backend Software Engineer with four years of production experience building SaaS platforms, APIs, integrations, and data-intensive systems. End-to-end feature ownership across requirements analysis, data modeling, implementation, release, and production support. Primarily focused on HealthTech, combining medical and pharmaceutical expertise with software engineering; also open to FinTech roles involving real-time data processing and applied machine learning.

SKILLS

BACKEND & APIs		DATA & PROCESSING		ARCHITECTURE & OPS		HEALTHTECH & PRODUCT	
PHP	●●●●○	SQL / Data Modeling	●●●●○	Microservices	●●●○○	Clinical Workflows	●●●●○
Symfony	●●●●○	PostgreSQL	●●●○○	Docker / Linux	●●●○○	FHIR R4	●●○○○
Python	●●●○○	Redis	●●●○○	GitLab CI/CD	●●●○○	HL7 v2.5.1	●○○○○
FastAPI	●●●○○	Time-Series Pipelines	●●●○○	Testing / PHPUnit	●●●●○	Pharma Domain	●●●●●
REST API Design	●●●●○	Async / Queues	●●●○○	Production Support	●●●●○	Product Management	●●●●●
API Integrations	●●●○○	Applied ML / Pipelines	●●○○○	Auth / RBAC	●●●●○	CRM Systems	●●●●●

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Completed practical tasks and can explain or demonstrate the result.	Used in a project with documentation or occasional guidance.	Applied independently in real projects.	Complex solution design, issue resolution, and production ownership.	Expert-level ownership, team leadership and training, user guideline preparation.

EXPERIENCE

Bermuda Software Solutions GmbH | Switzerland (remote) **2022 - Present**

Web Developer (Backend Engineering & Integrations)

- Own production features from requirement analysis and solution design through implementation, release, and support for Swiss municipalities, commercial clients, and a non-profit social-care foundation; maintain and modernize TYPO3 sites across versions 9–13 and PrestaShop stores across versions 1.6, 1.7, 8, and 9.
- Built operational workflows for Stiftung Wagerenhof, including menu planning, vehicle reservations, complex SQL reporting, structured exports, troubleshooting, and TYPO3 modernization.
- Developed the Angular 15 frontend and API integration for Species Collector and implemented Symfony-based file import/export functionality.
- Designed the BSS MeteoSwiss TYPO3 extension with scheduled API ingestion, normalization, idempotent updates, JSON caching, and frontend delivery.

Sopharma Pharmaceuticals | Ukraine / Bulgaria / Poland **2013 - 2021**

Marketing Manager / CRM Systems Lead

- Led Zoho CRM architecture and rollout across Ukraine, Poland, and Kazakhstan, designing custom modules, workflow automation, geolocation reporting, dashboards, documentation, and training while reducing per-user administration costs approximately fivefold.
- Designed a Power BI data model that normalized heterogeneous distributor and pharmacy reports—including weekly source files exceeding one million rows—into unified SKU-level planned-versus-actual and P&L reporting.

Earlier background: clinical medicine and pharmaceutical commercial/product roles, including field and team leadership.

PROJECTS

ReAbility | reability.org.ua **2026 - Present**

Founder & Backend / Product Engineer — Digital Rehabilitation Platform

- Architected and developed a Symfony/PostgreSQL rehabilitation platform covering episode-based workflows, patient-reported outcomes, consent, scoped RBAC, auditability, and research-ready data.
- Implemented an interoperability export layer producing FHIR R4 Bundles and a documented HL7 v2.5.1 ORU^R01 monitoring profile for care plans, task execution, questionnaire-derived measurements, clinical-review indicators, and provenance.

Soroka | soroka-signals.top | API documentation: soroka-signals.top/docs **2025 - Present**

- Built a Python/FastAPI FinTech platform processing Binance Futures market data for 35 currency pairs at three-second intervals, with asynchronous time-series pipelines, BOS-event detection, Redis queues, analytics, and notifications.
- Added a controlled ML training and activation workflow with dataset validation, configurable detection parameters, model versioning, progress monitoring, and reproducible JSON configuration snapshots.

Salon-SaaS / Zapys | salon-saas.top | API documentation: salon-saas.top/api/docs **2026 - Present**

- Designed a multi-tenant Symfony/API Platform mini-ERP with 100+ documented endpoints, public and internal booking workflows, RBAC, SaaS billing, lot-based inventory, import pipelines, and a separate SwiftUI client.

EDUCATION

Medical Degree | Zaporizhzhia State Medical University, 2003
Enterprise Economics | Berdyansk University of Management and Business, 2005
Professional PHP Developer Course | IT-Proger, 2024

Remote only | Open to international employment and B2B contracts