

Davit Prazyan

Chief Technology Officer · Solution Architect · Senior Full Stack Developer

I design and ship scalable SaaS platforms, fintech systems, AI-powered products and high-load microservice architectures - end to end, from the whiteboard to production.

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PROFILE

Senior Full Stack Developer, Team Lead and Solution Architect with 8+ years of experience building scalable SaaS platforms, fintech systems, AI-powered products, high-load services and microservice architectures.

I work across the whole stack - PHP (Laravel, Yii2), Node.js (NestJS, Express) and Python (FastAPI) on the backend; React, Vue, Nuxt and Next.js on the frontend. I design high-load systems, optimise databases, and build event-driven and realtime architectures on WebSockets and message queues.

Beyond code, I take on the technical leadership: architectural decisions, project scoping and estimation, client communication, and planning the work of the team. I also modernise legacy systems without disrupting the business running on top of them.

STACK

Backend	PHP · Laravel · Yii2 · Core PHP · Node.js · NestJS · Express · Python · FastAPI · REST API · WebSockets · RabbitMQ · Event-driven architecture
Frontend	React · Redux · Vue 2/3 · Nuxt 2/3/4 · Next.js · TypeScript · Tailwind · Material UI · jQuery
Mobile	React Native (iOS/Android) · Flutter
Databases	PostgreSQL · MySQL · MongoDB · SQLite · Query optimisation · High-load DB architecture
Infrastructure & DevOps	Docker / Compose · Linux · Nginx · Redis · RabbitMQ · CI/CD (GitLab Runner) · Prometheus / Grafana · Sentry · DNS & cloud infra
AI & Computer Vision	Python · PyTorch · NumPy · YOLO / Ultralytics · ByteTrack · ONNX · LangChain · FAISS · RAG pipelines · LLM decision layers
Web3 / dApp	Solidity · EVM chains · Ethers.js · Web3.js · MetaMask · WalletConnect · On-chain data & contract events
Payments, Auth & Analytics	Stripe · YuKassa · JWT · OAuth2 · VK ID · Yandex ID · SMS/Voice OTP · Telegram Apps & Bots · Google Analytics · PostHog

EXPERIENCE

Chief Technology Officer · YAVVI AI

02.2026 - Present (Current position)

An AI-powered computer vision and video analytics product. A domain-agnostic CV platform for video stream analysis; first demo use case - gas stations (event detection, on-site analytics).

- Own the technical strategy and architecture of the CV platform: detection and tracking pipeline (YOLO, ByteTrack), inference (ONNX), backend (FastAPI) and the LLM-based decision layer.
- Designed a domain-agnostic platform architecture reusable across verticals - retail, gas stations and beyond.
- Building the technical team, planning the roadmap and prioritising development.
- Designed and shipped the company site (yavvi.ai) end to end - a Nuxt 4 SSR frontend with WebGL scenes and scroll-driven video, plus its Node/Nginx deployment.
- Technical scoping and commercial proposals for clients (fixed-price / T&M): task breakdown, effort estimation, architectural decisions - e.g. choosing a CRM architecture for a multi-platform project spanning PWA, website, iOS/Android and analytics.

- Designed auth systems for client projects in the Russian market under regulatory constraints: SMS/voice OTP, with VK ID and Yandex ID as supplementary OAuth2 options.

STACK YOLO · ByteTrack · ONNX · PyTorch · NumPy · FastAPI · Python · LLM · Nuxt 4 · Three.js · Laravel · Yii2 · VK ID · Yandex ID

TEAM CTO + technical team allocated by product area

Full Stack Developer → Business Analyst · Nomadic Soft

07.2024 - Present (2 yrs 1 mo)

A software company delivering full-stack development for external clients. 25+ client projects of varying scale and domain - from EdTech and computer vision to travel-booking platforms and GPU infrastructure.

- Full-stack development and technical delivery of client projects as part of the agency team.
- From 08.2025 - additional Business Analyst role: requirements gathering and analysis, technical scoping, and preparing commercial proposals for clients.
- Led development on Simbiz lab as Senior Full-Stack / Team Lead - eight microservices, RAG pipelines, CI/CD and monitoring.
- Lead frontend developer on kreditka.expert - a comparison service for Russian retail banking products; shipped 05.2025.

STACK Laravel · Yii2 · PHP · Node.js · React · Vue · FastAPI · Python · YOLO · PostgreSQL · MySQL · Docker · Stripe

TEAM Agency team + client-side stakeholders

Team Lead · Judo Armenian Federation

07.2024 - 11.2024 (5 months)

Technical lead on the Armenian Judo Federation project in Yerevan.

Senior Full-Stack Developer / Team Lead · LegatoLab

09.2023 - 06.2024 (9 months)

paynovate.com (Belgium) - a banking platform - and the Legato app project for music schools.

- Planned the microservice architecture.
- Admin panel work, backend transaction handling, and integration across multiple microservices.
- Designed and built the Legato app from scratch on React Native / Laravel for music schools.

STACK Laravel · TypeScript · TypeORM · MySQL · React Native · Linux · Bash

TEAM Paynovate Bank 50+ · Legato App 5+

Full Stack Developer · Elite Dev Squad

03.2023 - 04.2023 (2 months)

A short full-stack engagement in Yerevan.

Senior Full-Stack Developer · Klub Lyubimyykh Turistov

02.2023 - 10.2023 (8 months)

A travel platform with a user-facing side and an admin panel for content, user and analytics management - rebuilt on a microservice architecture for scalability and fault tolerance.

- Redesigned the project architecture by introducing a microservice approach, improving scalability.
- Optimised MySQL queries for high-load performance, measurably speeding up the system.
- Fully rewrote the frontend (Vue 2 / jQuery), improving load times and UX.
- Hardened security against SQL injection, XSS and CSRF; improved error logging and monitoring.
- Automated data processing, reducing server load.

STACK Laravel · PHP · Vue 2 · jQuery · MySQL · Redis · Docker · REST API · WebSockets

TEAM 2 Senior Full-Stack · 1 Backend · 1 PM · 1 QA

Full-Stack Developer · 4over4 New York

11.2021 - 03.2023 (1 yr 5 mo)

4over4.com - a US printing company serving marketing needs. Work under NDA.

- Set up site analytics from scratch - Google Analytics, User Analytics, PostHog.
- Migrated the backend from Core PHP to CodeIgniter/jQuery, and from Core PHP to Laravel/React.
- Rewrote the interface with a new UI and refactored the frontend.

STACK Laravel · TypeScript · React · MySQL · Core PHP · CodeIgniter · jQuery

TEAM 3 Full-Stack · 3 Backend · 2 PM · 1 QA

Full-stack Developer · DG School

09.2020 - 11.2021 (1 yr 3 mo)

Full-stack development at DG School in Yerevan.

The first long engineering role in Yerevan, running alongside the Informatics and Applied Mathematics degree at Yerevan State University - where the 8+ years start counting.

SELECTED WORK

Simbiz lab

Education platform on a microservice architecture: courses, assignments, chat, analytics, content library, payments, RAG/LLM content generation and S3 (MinIO) media storage. Led development of eight services as Team Lead.

Microservices · LangChain + FAISS · CI/CD · Prometheus/Grafana · MinIO

YAVVI AI

Domain-agnostic computer vision platform for video stream analysis - detection and tracking pipeline feeding an LLM decision layer. First vertical: gas station event detection and on-site analytics.

YOLO · ByteTrack · ONNX · FastAPI · LLM

yavvi.ai yavvi.ai

The company site for YAVVI AI, designed and shipped solo: a Nuxt 4 SSR landing with WebGL scenes, a hero video scrubbed by scroll position, hand-rolled charts, a services/cases/blog content layer and a lead-capture drawer wired to a transactional mail endpoint.

Nuxt 4 SSR · Three.js · Scroll-scrub video · Tailwind + SCSS · Nginx + systemd

cloudcompute.ru cloudcompute.ru

Cloud GPU rental platform for AI/ML workloads - RTX 4090, H100 and A100 instances with hourly billing, personal account and invoicing.

GPU cloud · Billing · Personal account

Russian Express r-express.ru

Tour operator web platform: VIP tour booking, agent personal account, and integrations with providers across the UAE, Maldives, Seychelles and beyond.

Travel · Provider integrations · Agent portal

EDUCATION

Bachelor's degree of Informatics · Yerevan State University

09.2017 - 06.2022

Informatics (Computer Science): Informatics and Applied Mathematics. State diploma of higher education, Republic of Armenia.

Languages

Armenian (native) · Russian (C1-C2) · English (B1)

Focus areas

AI integrations, fintech & payments, Web3/dApps, realtime systems

Certifications

C++

Kreditka Expert kreditka.expert

Comparison service for Russian retail banking products - cards, consumer and auto loans, deposits and FX rates from a range of banks, with selection filters, loan and yield calculators, and bank ratings from user reviews. Lead frontend developer; shipped 05.2025.

Fintech · Lead frontend · Product comparison · Calculators · Bank ratings

Paynovate paynovate.com

Belgian banking platform - microservice architecture planning, backend transaction handling, admin panel and cross-service integration.

Fintech · Microservices · Transactions

Panika panika.org

Real-life escape-room booking platform in Krasnodar: quest catalogue, online session booking and a personal account.

Booking · Catalogue · Payments

Taekwondo CV

Computer vision system for taekwondo built on YOLO/Ultralytics - athlete motion detection and tracking for automated technique analysis and scoring.

YOLO · Ultralytics · Motion tracking

Legato

App for music schools, designed and built from scratch on React Native and Laravel - scheduling, students and lesson management.

React Native · Laravel · From scratch