

COMPANY PROFILE · 2026

Senior engineering for regulated, data-heavy products.

A Vietnamese senior engineering team building auto parts data platforms, construction & enterprise ERP, retail chain systems and regulated healthcare software for clients across Europe.

vireonlabs.com

hello@vireonlabs.com · +84 969 012 781

Headquarters

Hanoi, Vietnam — serving DACH & EU

WHO WE ARE

Built by senior engineers who have already shipped these systems.

We are a focused engineering studio — not a body-shop. Every engagement is led by 8–15-year veterans who have previously delivered the exact class of system we are building for you: aftermarket catalogs, construction ERP, retail chain platforms and ISO 15189 laboratory software.

10M+

SKUS PROCESSED

6

CORE INDUSTRIES

7+ yrs

AVG. SENIOR TENURE

GMT+7

DACH OVERLAP 3–4H

Where we focus

Data-heavy B2B platforms where domain knowledge matters more than headcount: automotive aftermarket, construction ERP, retail chain, regulated healthcare.

Who we serve

Mid-market and enterprise teams in Germany, Austria, Switzerland and broader EU who need a senior nearshore-grade partner with full IP transfer.

How we work

From fixed-scope discovery and MVP delivery to long-running dedicated squads. Weekly demos, written async updates, clear escalation paths.

Languages & timezone

Working language English; German-speaking lead on request. Daily overlap with CET 14:00–18:00; on-call windows for go-live events.

ABOUT VIREON LABS

Three companies, one senior engineering practice.

Our story

Vireon Labs is a senior Vietnamese engineering team focused on regulated and data-heavy systems. Our practice aggregates expertise from three companies: **Vireon Labs** (product & cloud engineering), **Aratech Vietnam** (medical systems and clinical software) and **Gosei Vietnam JSC** (enterprise & industry solutions).

What makes us different

We have shipped the exact systems we sell — auto parts data platforms for the European aftermarket, construction ERP for German Bau groups, and ISO 15189 laboratory software. Senior-led, domain-deep, with full IP transfer and direct engineering communication.

LEADERSHIP TEAM

People you will work with from day one.



Jorn Lee

FOUNDER & PRODUCT ENGINEER

Leads delivery strategy and works directly with founders to turn product ideas into production-ready systems.



An Tran

ENGINEERING LEAD

Owns architecture quality and mentors cross-functional squads for web and platform delivery.



Minh Pham

DELIVERY MANAGER

Coordinates discovery, sprint planning and release operations to keep projects predictable and transparent.



Nguyen Quoc Trinh

TECHNICAL LEADER

Drives technical direction, code quality and engineering standards across delivery squads.

WHAT WE DELIVER

End-to-end engineering across the product lifecycle.

Six service lines that combine into discovery, delivery and run-time support for the systems we build.

01

Custom Software Development

Tailored systems designed from the ground up around your processes — full IP transfer, scalable architecture, production-ready quality.

02

Cloud Solutions & Migration

End-to-end cloud strategy and migration on AWS, Azure and GCP. Cost reduction, auto-scaling, disaster recovery built in.

03

DevOps & Infrastructure

CI/CD pipelines, Infrastructure as Code, observability and SRE practices. Deploy 10x more frequently with zero-downtime releases.

04

Web Applications

Modern, responsive web platforms with React, Next.js and TypeScript. SEO-optimized, performant, accessible by default.

05

Mobile Applications

Native and cross-platform iOS / Android apps with React Native and Flutter. Offline-first, secure, store-ready.

06

Data Engineering & AI

Pipelines, warehouses and analytics platforms. Practical ML and OpenAI integrations for automation, NLP and prediction.

DOMAIN DEPTH

Six industries where we have shipped real systems.

Automotive & Auto Parts Data

Catalog, fitment and supplier integration platforms processing millions of SKUs for the European aftermarket.

- TecDoc / KBA-style fitment engines
- Supplier ingestion & normalization
- Elasticsearch search at scale

Construction ERP (Bau)

Project, material, labor and cost-tracking ERP for German Bau companies with workflow approvals and dashboards.

- Multi-site project & cost control
- Subcontractor & equipment tracking
- BIM & accounting integration

Retail & Supermarket Chains

Coles-style chain platforms: centralized inventory, pricing & promotion engines, multi-branch sync.

- Pricing & promotion engines
- Omnichannel POS / eCommerce
- Demand forecasting

Healthcare & Life Sciences

LIS with Westgard QC rules, ISO 15189 compliance and HIS/EMR integration via HL7/FHIR.

- LIS & internal QC (Westgard)
- ISO 15189 audit tooling
- HL7 / FHIR interoperability

Enterprise Systems

DMS, HRM, CRM, workflow automation and multi-tenant SaaS — built for scale, governance and audit.

- DMS & e-signature workflows
- Role-based access & audit
- ERP / 3rd-party integrations

Cloud & Product Engineering

MVP-to-scale product engineering on cloud-native foundations: microservices, Kubernetes, CI/CD and IaC.

- Microservices on AKS / EKS
- Terraform & GitHub Actions
- Observability with OpenTelemetry

CASE HIGHLIGHTS

Outcomes our teams have delivered for European clients.

Three engagements that illustrate how we combine domain depth with modern delivery.

AUTOMOTIVE · DE

Auto Parts Data Platform for a European B2B Marketplace

EU Auto Parts Group · Aftermarket distribution · DACH

Replaced a 12-year-old SQL Server catalog with a .NET 8 / AKS platform: supplier ingestion, fitment enrichment against KBA / TecDoc-style data, and an Elasticsearch-backed B2B search layer with REST & webhook APIs.

4.1%	620ms	4–7d
return rate (was 7.4%)	search p95 (was 4.2s)	onboarding (was 6–9 wks)

CONSTRUCTION · DE

Construction ERP for a German Bau Group

German Bau Group · Multi-site construction · DE

Purpose-built ERP covering project, material, labor and subcontractor cost control with multi-level approval workflows and real-time site dashboards — integrated with the existing accounting and BIM tooling.

-38%	+24%	Single
cost reconciliation time	on-time milestones	source of truth

HEALTHCARE · EU

LIS & Internal Quality Control with Westgard Rules

Reference laboratory network · ISO 15189 accredited

Modern LIS with Westgard multi-rule QC, ISO 15189 audit tooling and HL7/FHIR integration to HIS and EMR systems. Designed for regulated workflows, traceability and analyst productivity.

100%	-52%	ISO 15189
audit-ready QC	manual QC effort	continuous compliance

ENGAGEMENT MODELS

Pick the shape that fits your stage.

From a 2-week discovery sprint to a long-running senior squad.

A

Discovery Sprint · 2–4 weeks

Fixed-scope discovery: requirements, architecture, prototype, delivery plan and pricing. Ideal first step before committing to a full build.

B

Fixed-Scope Build

MVP or module delivered on a fixed scope, timeline and price. Best when requirements are stable and outcomes are well-defined.

C

Dedicated Squad

Long-running senior squad (4–10 people) embedded with your product team for evolving roadmaps and continuous delivery.

TECHNOLOGY STACK

Modern, boring, production-grade.

We use proven tools at scale and keep novelty for places where it earns its cost.

Frontend	React, Next.js 16, TypeScript, Tailwind, Angular
Backend	.NET 8, Node.js, Java Spring, Python (FastAPI)
Mobile	React Native, Flutter, Swift, Kotlin
Data	PostgreSQL, SQL Server, MongoDB, Elasticsearch, Redis
Streaming	Apache Kafka, Azure Event Hubs, AWS SNS/SQS
Cloud	Azure (AKS, APIM), AWS (EKS, Lambda), GCP
DevOps	Docker, Kubernetes, Terraform, GitHub Actions, ArgoCD
Observability	OpenTelemetry, Grafana, Loki, Azure Monitor, Sentry
AI / ML	OpenAI, Hugging Face, PyTorch, scikit-learn, MLflow
Standards	HL7 / FHIR, ISO 15189, ISO 27001 practices, GDPR

WHY TEAMS CHOOSE VIREON LABS

Senior-led, domain-deep, and direct.

- **Senior-led delivery.** 8–15-year engineers run your engagement — not project managers reading from slides.
- **Domain depth.** We have already shipped aftermarket catalog, construction ERP and LIS systems in production.
- **Full IP transfer.** You own the source code, designs and documentation. No lock-in.
- **Direct communication.** English / German project lead and weekly demos with the engineers themselves.
- **Production-grade defaults.** CI/CD, observability, security and accessibility from day one.
- **Practical AI.** ML and OpenAI used only where they create measurable value, not as decoration.

"They understood our domain in days, not months — and shipped a parts data pipeline that we are still building features on three years later."

— Engineering Lead, EU Auto Parts Group

Let's talk about your next build.

Free 30-minute discovery call — we will tell you whether we are the right fit, honestly.

vireonlabs.com hello@vireonlabs.com [+84 969 012 781](tel:+84969012781)

[Book a consultation](#)