FEDOR CHERNIN

Tech Lead (AI & Platform) / System Architect

The Randstad, Netherlands │ cherninlab@gmail.com │ linkedin.com/in/theodore-chernin

---

PROFESSIONAL SUMMARY

Tech Lead and System Architect with enterprise consulting background, specializing in AI-enabled SaaS platforms. I design and evolve platform architectures, monorepo strategies, and service boundaries under real-world constraints such as compliance, reliability, and cost. Actively translate product requirements into scalable technical solutions, balancing MVP speed with long-term maintainability. Experienced in integrating LLM capabilities into production systems with a strong focus on guardrails, safety, and external integrations. Known for making pragmatic architectural decisions, stabilizing complex systems, and unblocking delivery.

KEY RESPONSIBILITIES & IMPACT

- Own platform-level architecture decisions across services and monorepo structure.
- Define API standards and service boundaries for long-term scalability.
- Translate product requirements into technical architecture under compliance constraints.
- Balance MVP delivery speed with sustainable system design.
- Lead cost-vs-performance and build-vs-buy decisions.
- Own API gateway setup and production incident debugging.
- Act as escalation point for architectural and reliability issues.

PROFESSIONAL EXPERIENCE

Tech Lead / Platform Architect
June 2025 - Present

Autoscriber - *Amsterdam, Netherlands*

- Led platform architecture, including monorepo strategy and service boundaries.
- Defined API standards and integration patterns for external systems.
- Translated product requirements into scalable platform architecture.
- Integrated LLM capabilities into production workflows with emphasis on guardrails and safety.
- Made architectural tradeoffs between cost, performance, and delivery speed.
- Worked under compliance constraints and complex external integrations.
- Owned API gateway configuration and production incident debugging.

Tech Lead and Full Stack Developer
February 2021 - June 2025

Accenture - *Amsterdam, Netherlands*

- Led technical direction for large-scale web applications, making architectural decisions across frontend and backend.
- Chose and introduced server-side rendering strategies (Next.js) to address performance and SEO requirements.
- Mentored development teams, establishing best practices for TypeScript and React scalability.
- Facilitated technical workshops to resolve cross-team communication bottlenecks and dependency management.
- Designed microservices architectures to enhance system scalability and maintainability.
- Implemented cutting-edge performance optimizations, including edge computing strategies.
- Architected IoT solutions for maritime industry and fintech platforms.
- Utilized cloud technologies (AWS, Azure) and container orchestration (Kubernetes) for robust, scalable deployments.
- Conducted workshops on Generative AI applications in enterprise environments.
- Successfully directed the transition of legacy systems to containerized cloud solutions.

Lead Full Stack Developer
January 2019 - February 2021

Accenture - *Moscow, Russia*

Lead Front End Developer
March 2017 - December 2018

KODIX - *Moscow, Russia*

- Headed the frontend development of a high-traffic e-commerce platform.
- Focused on frontend performance optimization through techniques like code splitting and lazy loading.
- Integrated complex payment systems and inventory management solutions.

Frontend Developer

September 2013 - February 2017

Medsovet.info - *St Petersburg, Russia*

Web Developer

2011 - 2013

Freelance - *St Petersburg, Russia*

ARCHITECTURE & STRATEGY

- Monorepo strategy & dependency boundaries
- API design standards & service ownership
- Cost vs performance tradeoffs
- Build vs buy decisions
- Compliance-driven architecture
- Production incident analysis & hardening

TECHNICAL STACK & COMPETENCIES

AI / LLM INTEGRATION

LLM Integration, Guardrails & Safety, Enterprise AI

CLOUD & RELIABILITY

API Gateways, Kubernetes, AWS, Azure

BACKEND & RUNTIME

TypeScript: Backend-first, strict mode, large production codebases

Node.js: Production-grade services and APIs

Python: Production backends and AI-adjacent systems

Bun & Deno: Performance-oriented & secure platform services

DATA & PERSISTENCE

PostgreSQL: Advanced modeling, query optimization

JSONB: Hybrid relational + document patterns, GIN indexing

API & INTEGRATION

Schema-driven: Contract-first, OpenAPI, Validation

Security: OIDC, OAuth2, JWT flows

Streaming: SSE, WebSockets

ASYNC & DISTRIBUTED

Event-driven architectures & Background queues

Idempotency and retry-safe design

PLATFORM CONCERNS

Feature flags & runtime config

Production error handling & recovery

CERTIFICATIONS

- Career Essentials in Generative AI by Microsoft and LinkedIn
- Divide and Conquer, Sorting and Searching, and Randomized Algorithms
- Machine Learning with Python
- Enterprise Architecture Basics

EDUCATION

ITMO University

St Petersburg, Russia | 2008 - 2013

Education Specialist, Learning methodologies for adult education in technology fields