

履歴書 ・ 職務経歴書 ・ RÉSUMÉ ・ CURRICULUM VITAE

Péter József Lódri

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00 Personal data 基本情報

NAME 氏名	Peter József Lódri ・ ロドリ・ペーテル・ヨージェフ
BORN 生年月日	16 July 1992 ・ Tatabánya, Hungary ハンガリー出身
NATIONALITY 国籍	Hungary (Hungarian) ハンガリー
ADDRESS 現住所	Budapest, Hungary — relocating to Tokyo 東京へ移住予定
CONTACT 連絡先	peter.lodri@gmail.com (primary) ・ cabotage@pm.me ・ +36 20 391 5161
AVAILABILITY	Available immediately ・ full CET/JST overlap ・ EU work authorization (no sponsorship required)

01 Education 学歴（高校以降すべて）

期間 / PERIOD	学校・専攻 / INSTITUTION & FIELD
2011 – 2016	University / College — degree programme 【要記入】 school name, city, degree, field of study
2007 – 2011	Secondary school 高等学校 — high school 【要記入】 school name, city, course / specialisation

Fields marked 【要記入】 are facts only you can confirm — the résumé is otherwise complete.

期間 / PERIOD

職務 / ROLE

2024.05 – present

Senior Software Engineer — Plandek

Engineering metrics & analytics platform. Build and maintain analytics features across the platform; review code across a polyglot stack.

TypeScript · React · Python

2023.05 – 2024

Senior Software Engineer — Virality Data

Large-scale social-media scraping (millions of videos). Designed and operated high-throughput ingestion and processing pipelines.

Kafka · Puppeteer · Celery · Pandas · AWS · JavaScript · Python

2022 – 2023

Senior Software Engineer — ASAPP Inc.

AI-powered customer-service platform for Fortune-100 companies. Improved customer-agent response time by 50–70% via a microservices architecture.

Go · Kotlin · Scala · Kubernetes · Kafka · AWS

2022

Lead Go Developer — DailyWire.com

Streaming platform with 110k concurrent users. Led the backend team for an integrated chat + video streaming platform.

Go · Python · AWS

2021 – 2022

Senior Python Developer — various fintech (Sixth Street Partners · Citadel · Morgan Stanley)

Modernized trading software stacks from legacy systems to cloud-native ETL.

Python · Bash · AWS · Docker

2019 – 2021

Lead Python Backend Developer — Cygnet Dooel

Advanced cyber-intelligence solutions. Designed mission-critical security infrastructure and led offensive-security product development; mentored new hires in advanced Python.

Python · AWS · Android · C · Go · Java · Kubernetes

2017 – 2019

Python Developer — Inpedio

Mobile security solutions. Built custom Android security/antivirus tooling and messaging behaviour-analysis tools; implemented a successful `kptr_restrict` bypass.

Python · C · Android · Java · Go

2016 – 2017

Software Developer — Saltech Consulting

Built a custom UI testing framework for Siemens.

Python · GCP · Java · PEGA

03 Skills & languages スキル・語学

REAL-TIME GRAPHICS & AUDIO

WebGL2, Web Audio, vector/oscilloscope synthesis, shader feedback, DSP.

BACKEND & DISTRIBUTED SYSTEMS

Go, Python, TypeScript; microservices, Kafka, Celery, high-concurrency streaming, ETL.

SECURITY

Reverse engineering, Android internals, eBPF, pentesting.

HUMAN LANGUAGES

English · Hungarian (native) · Spanish · Latin · Esperanto · Romani · Macedonian; basic Mandarin & Japanese (studying).

SYSTEMS & PERFORMANCE

C, Rust, and Swift close to the metal — SIMD, memory layout, quantization, zero-dependency binaries.

EDGE & CLOUD

Cloudflare Workers/Pages, D1/KV, AWS, GCP, Kubernetes, Docker, custom domains, deploy pipelines.

ML SYSTEMS

Ternary/BitNet quantization, MLX on Apple silicon, model loading, evaluation, honest reporting.

PROGRAMMING LANGUAGES

C · Rust · Python · Go · TypeScript/JavaScript · Java · Kotlin · Scala · Ada, and esoteric languages generally.

Work samples / 制作実績

Interactive CV, drawn live in the browser (an example of the work itself):

teamlab.vaked.dev ↗ · vaked.dev ↗

Source & code samples / ソースコード: github.com/peterlodri-sec ↗

Team vs. individual, and scope / チームか個人か・担当範囲

All work above was built **individually, end-to-end** — concept, design, math/algorithm decisions, implementation, and verification. In professional teams (ASAPP, DailyWire) I have led backend teams and owned subsystems, so I am equally comfortable as an individual contributor and as the bridge between artists and engineers.

提出物の開発において、AIコーディングアシスタント（Crush 経由のLLM）を補助的に使用しました。使用範囲：コードの雛形生成、ドキュメント整備、テスト/検証スクリプトの作成、リファクタリング補助。人間が担当：企画・設計・数学/アルゴリズムの決定、ビジュアルとサウンドの方向性、リアルタイム描画や量子化の実装判断、最終確認と検証（ハッシュによる再現性チェック）。

I used an AI coding assistant (an LLM via Crush) as a **support** tool: scaffolding, docs, test/verification scripts, refactors. I — the human — did the concept, design, the math/algorithm decisions, the visual and audio direction, the real-time and quantization implementation calls, and the final verification (reproducibility by hash). I can walk through the exact scope per work in the interview.

teamLab's line — "transcend these boundaries ... everything exists in a long, fragile yet miraculous, borderless continuity" — is not a slogan to me; it is the exact shape of what I build. The work above moves between art and engineering, signal and symbol, the individual and the collective, because that seam is the most interesting place to stand. I want to make new experiences with a team that treats diversity of specialisation as the method, not the exception — and I want to do it in Tokyo. $\{-1, 0, +1\}$ — and the scale lands once.

Péter József Lódri · ロドリ・ペーテル・ヨージェフ · interactive engineer & creative technologist

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[the interactive CV](#) · [resume.pdf](#) · vaked.dev

fine touch from within · the third state is real · $\{-1, 0, +1\}$ · om mani padme hum
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