

P é t e r J ó z s e f L ó d r i → Woven by Toyota (ウーブン・バイ・トヨタ)

Role: Senior Systems Software Engineer — Rust, Simulation & Accelerated ML Platform (Arene SDV) · Comp: ¥12,000,000 – ¥22,000,000+ JPY · Location: Nihonbashi, Chuo-ku, Tokyo (日本橋室町三井タワー)
Dedicated Subdomain: <https://woven.vaked.dev> · Portal: <https://woven.toyota/en/careers>
(careers@woven.toyota)

01. COVER LETTER & OUTREACH MESSAGE (INMAIL / EMAIL)

Dear Woven by Toyota Engineering & Talent Acquisition Team,

I built a live interactive 3D digital-twin showcase and bilingual application dossier specifically for Woven by Toyota's Senior Systems Software Engineer (Rust, Simulation & Accelerated ML Platform — Arene SDV) roles in Nihonbashi, Tokyo:

- Live Interactive CV (Woven Digital Twin & Telemetry Mesh): <https://woven.vaked.dev>
- Formal 履歴書 + 職務経歴書 (PDF): <https://woven.vaked.dev/resume.pdf>
- Simulation & Systems Portfolio (PDF): <https://woven.vaked.dev/portfolio.pdf>
- Full Application Dossier: <https://woven.vaked.dev/application>

I combine 9+ years of distributed backend and systems leadership (ASAPP, DailyWire, institutional fintech ETL) with real-time 3D simulation engines (Core Architect on Osiris — simplifaisoul/osiris, plus Age of Gaia & Water-Fall Disc), autonomous agent harnesses (Osaurus), and bit-exact C/Rust low-bit ML inference (pureQTern / MLX-QUANT). I live and breathe Tokyo's craft culture and would love to help ship Arene and Woven City.

Warm regards,

P é t e r J ó z s e f L ó d r i

<https://www.linkedin.com/in/peter-lodri/>

02. 1-CLICK LINKEDIN CONNECTION NOTE (< 300 CHARS)

Hi! I built an interactive Arene SDV / Woven City 3D digital-twin portfolio specifically for Woven by Toyota in Nihonbashi: <https://woven.vaked.dev> — uniting Rust/C systems, real-time 3D simulation & edge ML compression. Would love to connect! — P é t e r L ó d r i

03. LINKEDIN COMPANY & LEADERSHIP CONTACTS

- Company LinkedIn: <https://www.linkedin.com/company/wovenbytoyota/>
- Company Jobs: <https://www.linkedin.com/company/wovenbytoyota/jobs/>
- Company People: <https://www.linkedin.com/company/wovenbytoyota/people/>
- Recruiter Search: <https://www.linkedin.com/search/results/people/?keywords=%22Woven%20by%20Toyota%22%20%28Recruiter%20OR%20Talent%20OR%20Arene%20OR%20Simulation%20OR%20Rust%29>
- Hajime Kumabe (隈部肇) (Chief Executive Officer (CEO), Woven by Toyota):
<https://www.linkedin.com/search/results/people/?keywords=Hajime%20Kumabe%20Woven%20by%20Toyota>
CEO leading Arene OS commercialization and Woven City Phase 1 launch.
- John Absmeier (Chief Technology Officer (CTO), Woven by Toyota):
<https://www.linkedin.com/search/results/people/?keywords=John%20Absmeier%20Woven%20by%20Toyota>
CTO overseeing Arene SDV software platform, simulation, and automated driving.
- Woven by Toyota Talent Acquisition (Arene & Enterprise AI) (Technical Recruiting · Nihonbashi, Tokyo): <https://www.linkedin.com/search/results/people/?keywords=%22Woven%20by%20Toyota%22%20Recruiter%20OR%20Talent%20Acquisition>
English-first global talent acquisition team at Nihonbashi Muromachi Mitsui Tower.

04. BILINGUAL MOTIVATION / 志望動機

Woven by Toyota is executing the most ambitious systems integration challenge in Japan: building Arene as a programmable operating system for millions of vehicles while turning Woven City into a living physical-digital testbed. That requires engineers who can cross cleanly between memory-safe Rust systems, deterministic 3D simulation twins, high-throughput cloud telemetry, and compressed edge ML — the exact intersection I have built across Osiris, pureQTern, MLX-QUANT, and 9+ years of production distributed engineering.

Woven by

Toyotaが日本橋から世界へ発信するソフトウェア・ディファインド・ビークルOS「Arene」と実証都市「Woven City」は、モビリティの歴史を書き換える挑戦です。Rust/Cによる高信頼システム開発、リアルタイム3Dデジタルツイン基盤（Osiris）、11万同時接続を処理した大規模分散テレメトリ、そして車載推論を12.80倍効率化する量子化技術（pureQTern / MLX-QUANT）を結集し、AreneとWoven Cityのコア基盤開発に貢献したいと強く志望しています。