# Artis Avotins

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**Summary** — Full stack engineer with 20+ years of experience building and scaling SaaS, AI, and enterprise systems. Proven track record leading teams up to 16 and delivering production systems used by thousands worldwide.

## Skills

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|---|---|---|---|
| **Languages** | Python, JavaScript/TypeScript, SQL, Rust (intermediate) | **Frontend** | React, Next.js |
| | | **APIs & Messaging** | GraphQL, REST, Kafka, SNS/SQS, MQTT |
| **Backend** | FastAPI, Django/DRF, Flask, Celery, Node.js, Express | **Databases** | PostgreSQL, MySQL, MongoDB, Redis |
| | | **Cloud & DevOps** | AWS, Docker, CI/CD (GitHub Actions, GitLab CI) |
| | | **Testing** | Pytest, Jest, Playwright |

## Experience

### Art is Code                                                        Jan 2025 – Jul 2025
*Staff Engineer (FTE Consultant)*

Client: Fashion industry B2B startup

- Established Python best practices, introducing linting and static analysis tools that aligned team members, improved code quality and reduced regressions
- Designed a webhook delivery engine (DLQ, retries, per-message idempotency) processing millions of events monthly at 99.9% delivery reliability
- LLM-based product description translation system (DSPy + OpenAI 4o-mini/Anthropic Haiku 3.5), enabling scalable multilingual catalog expansion
- Built an AI crop-shot generator using YOLO segmentation and Real-ESRGAN, processing SKUs in under 200ms on consumer-grade GPUs to automate product image generation

### Workday                                                           Oct 2019 – Dec 2025
*Senior Software Engineer / Engineering Manager*

Remote / Riga LV / Dublin IE / Pleasanton US

- Led a team of 16 engineers on AI/ML integrations in the contract space; delivered contract OCR and advanced metadata extraction into production
- Mentored engineers into senior roles and fostered a culture of collaboration and openness across the team
- Delivered accessible design components and refactored usage across product areas to ensure compliance with accessibility standards and best practices
- Designed and implemented the Supplier Onboarding flow, the first integration between Strategic Sourcing and Workday
- Implemented a push data model with Workday as the source of truth, including a discrepancy resolution tool to ensure data integrity across systems.

### Convious                                                          Jun 2017 – Sep 2019
*Lead Frontend Engineer*

Remote / Riga LV / Vilnius LT / Amsterdam NL

- Designed and built the main product widget deployed across customer sites, driving the core user experience
- Implemented an iframe-based architecture with breakout mode to enable secure integrated payments under browser security constraints
- Defined the frontend architecture and test suite, setting standards for code quality and maintainability
- Partnered with design to apply UX best practices, improving usability and conversion rates
- Developed a frontend A/B testing system and worked with Data Science to ensure proper experiment setup and tracking

### Psngr.co                                                          Aug 2016 – Jun 2017
*Lead Backend Engineer*

Amsterdam, NL

- Improved the core route logging algorithm to accurately capture travel modes including walking, cycling, driving, and public transit
- Implemented Braintree payments with subscriptions, trials, and multiple plans, enabling recurring revenue
- Built and documented APIs for frontend and mobile teams, ensuring consistent integration and faster delivery
- Introduced blue/green deployments, an API load balancer, and backward-compatible schema rollouts to enable zero-downtime releases
- Introduced React for marketing landing pages and one-off apps, speeding up campaign development

cont.

**Earlier Experience**                                                    Jan 2004 – Jun 2012
*Full-Stack Engineer*
     Riga, LV
- Began at age 15 with a summer project building a social network for journalists and writers, later transitioning into a full-time engineering role
- Delivered an HTML5 rewrite of the frontend application, modernizing the user experience
- Migrated the CMS from MySQL to PostgreSQL and introduced memcached and Varnish caching to improve performance
- Introduced Git version control, replacing SVN, and secured management buy-in through training and adoption support

## Projects

**Hardware & Automotive Tinkering**                                           **Ongoing**
- Experiment with Arduinos, Raspberry Pis, and ESP32 boards for robotics, home automation, and blinkenlight projects
- Build and hack on cars — diagnostics, ECU tuning, and custom electronics — applying software engineering discipline to mechanical systems