

SENIOR FULL-STACK ENGINEER

Oskar Unt

TALLINN, ESTONIA / REMOTE

unt.oskar@gmail.com

LinkedInGitHubWebsite

SUMMARY

Senior full-stack engineer with 7+ years of experience turning ambiguous business needs into production software across SaaS products, data pipelines, compliance-heavy workflows, integrations, and applied AI. Strongest in TypeScript/JavaScript, React, Node.js, PostgreSQL, and cloud infrastructure, with hands-on ownership across frontend, backend, databases, architecture, CI/CD, and production operations. Product-minded and comfortable working directly with stakeholders, making technical tradeoffs, and owning delivery end to end.

EXPERIENCE

UNIT ONE

AUG 2024 - PRESENT

Senior Full-Stack Engineer / Founder, self-employed

TALLINN, ESTONIA

- Delivered full-stack engineering and consulting work across e-commerce, product feed ingestion, payroll accounting, SaaS web applications, and custom CRM systems.
- Turned business requirements into practical architecture, implementation plans, and production software across frontend, backend, databases, integrations, deployment, automation, and AI-enabled workflows.
- Worked directly with clients to clarify requirements, make product and technical tradeoffs, choose tools, and own delivery end to end.

Technologies: TypeScript, JavaScript, React, Next.js, Hono, PostgreSQL, Redis, AWS, Cloudflare, Astro, Vite, Graphile Worker, Inngest, Playwright, OpenRouter, Pulumi

Fyma

FEB 2021 - AUG 2024

Full-Stack Developer - Product Engineering

TALLINN, ESTONIA

- Worked across the full product lifecycle at a computer vision startup, contributing beyond implementation into product direction, product vision, and technical tradeoffs.
- Collaborated closely with designers on UI/UX, translated Figma designs into production interfaces, and helped shape user workflows for the product.
- Built frontend and backend product features, initially across Java/Spring Boot services and later through a migration toward a Node.js-based API.

Technologies: React, TypeScript/JavaScript, Node.js, Java, Spring Boot, APIs, computer vision product workflows

Mindly

JUN 2019 - FEB 2021

Team Lead / Full-Stack Developer

TALLINN, ESTONIA

Team Lead

JAN 2020 - FEB 2021

- Promoted into a technical leadership role on a finance operations platform, owning architecture, delivery planning, and client-facing technical communication.
- Scoped and refined work with the client, translated business needs into implementation tasks, and guided delivery for a team of up to 4 developers.
- Helped evolve a legacy monolithic application running on a black-box VPS into a more service-oriented stack on Google Cloud, Docker, and Kubernetes.

Full-Stack Developer

JUN 2019 - JAN 2020

- Joined as a full-stack software developer on the same finance operations platform, contributing across frontend, backend, database, and infrastructure-facing work.
- Built production features and maintenance improvements using Vue.js, Ruby on Rails, PostgreSQL, and Redis.
- Took increasing ownership of product decisions, technical design, and delivery quality, leading to promotion into Team Lead responsibilities.

Technologies: Vue.js, Ruby on Rails, PostgreSQL, Redis, Google Cloud, Docker, Kubernetes, CI/CD, Git workflow design, Java, Spring Boot, full-stack feature development, production maintenance

PROJECTS

Wedding Studio - Wedding Media and Print-on-Demand SaaS

2024 - 2026

- Co-founded and built the full technical platform for a wedding media SaaS that lets couples collect guest photos and videos in one shared album, replacing scattered WhatsApp/private-message collection.
- Owned frontend, backend, architecture, infrastructure, CI/CD, media storage/delivery, authentication, payments, background jobs, print-on-demand workflows, QR-code table-card ordering, photobook editing/rendering, and production maintenance.
- Launched in December 2024; platform has supported 45k+ weddings.

Technologies: React, Node.js, TypeScript, Hono, PostgreSQL, Clerk, BullMQ, Stripe, AWS ECS, S3, CloudFront, Pulumi, AWS media-processing services

Product Feed Ingestion and Enrichment Platform

2025 - 2026

- Built a product data pipeline for ingesting raw supplier feeds and enriching product records with images, descriptions, features, categories, and supplier data.
- Used AI-assisted transformation and translation to normalize raw product data into storefront-ready formats and sync it downstream.
- Built AI agents and internal tooling to analyze feeds, infer column meanings, map data, run experiments, and propose reconciliation strategies.

Technologies: TypeScript, Hono, React, Next.js, PostgreSQL, Redis, Inngest, Playwright, OpenRouter, integration tooling

Multi-Country Daily Payroll Engine

2025 - 2026

- Built a multi-country daily payroll engine for an on-demand workforce company, initially covering Estonia and Lithuania, with Latvia added later.
- Implemented daily gross-to-net payroll so workers could receive earnings the next day instead of waiting for monthly payroll cycles.
- Supported compensation rules, scheduled tax/rate changes, bank payout batches, social tax, pensions, exemptions, rounding, month-boundary recalculation, and compliance-critical bailliff deductions.

Technologies: TypeScript, Hono, React, Vite, PostgreSQL, Graphile Worker, Pulumi, bank integration work

Competition Judging System for the World Cocktail Championships

2018 - 2019

- Built an event-critical judging and scoring system for the International Bartenders Association's annual World Cocktail Championships, replacing paper and spreadsheets.
- Implemented judge login, iPad scoring, category-specific deductions, winner calculation, organizer monitoring, and auditable result-review workflows.
- Reduced results turnaround from 2-3 hours to immediate calculation and ran the Chengdu event on a fully local server/private-network deployment because conventional cloud services were unavailable.

Technologies: Vue.js, Ruby on Rails, PostgreSQL, local on-site deployment

Firebird Movie Website

2021

- Built and launched the official release/marketing website for the film Firebird, owning frontend, CMS setup, regional content logic, infrastructure, deployment, and ongoing technical delivery.
- Implemented a headless CMS architecture with localized content and IP-based regional filtering for screenings, watch links, copy, banners, and streaming/embed availability.
- Integrated geolocation, analytics, newsletter capture, streaming platform links, and embedded media players.

Technologies: React, Gatsby, Strapi, Firebase Hosting, geolocation, Google Analytics

HubSpot CRM Cohort Analytics Platform

JAN 2023 - SEP 2023

- Built a multi-tenant SaaS analytics platform for sales and growth teams to sync HubSpot CRM data and analyze pipeline performance through dynamic cohorts.
- Implemented cohort reporting for pipeline movement, conversion, churn, and drop-off across stages.
- Owned frontend, backend, database, cloud infrastructure, synchronization, dashboards, tenant isolation, and high-volume HubSpot data sync under API-limit and reliability constraints.

Technologies: TypeScript, Node.js, Express.js, React, Tailwind, PostgreSQL, Redis, Docker, AWS ECS

SKILLS

FRONTEND

React, Next.js, Vite, Astro, Tailwind CSS, Vue.js

BACKEND AND DATA

TypeScript/JavaScript, Node.js, Hono, Express.js, PostgreSQL, Redis, Graphile Worker, Ruby on Rails, Java, Spring Boot

APPLIED AI

AI-assisted workflows, AI agents, data enrichment, translation, classification, OpenRouter

INTEGRATIONS AND DOMAIN SYSTEMS

product data pipelines, supplier integrations, payroll/compliance logic, Stripe, Clerk, BullMQ, HubSpot, Inngest, Playwright

CLOUD AND DELIVERY

AWS, Cloudflare, Docker, Kubernetes, Pulumi, Google Cloud, S3, CloudFront, CI/CD, production operations