

TOM PERI

Software Engineer

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Engineer specializing in high-scale distributed systems and revenue infrastructure. At Stigg, architected usage metering pipelines, real-time credits, and entitlement management, powering billing for companies like Miro and Webflow. At New Relic, designed and operated Kafka-based microservices handling millions of low-latency events for the entire notifications pipeline. Recognized for setting engineering standards, mentoring peers, and driving cross-functional initiatives that deliver both technical excellence and business impact.

EXPERIENCE

[Stigg - Senior Software Engineer](#), JULY 2023 - CURRENT

Tech Stack: Node.js, TypeScript, React, AWS

Pricing, packaging and metering platform that handles subscription life-cycle, entitlements and more for companies such as *Miro*, *Webflow*, *Pager Duty*, *AI21 Labs* and more.

- **Hands-on development** of core building blocks for Stigg's pricing, billing and subscription management, handling over 100M subscriptions.
- **Built high-throughput usage metering pipelines** which powers the credit and entitlements systems, handling 300M daily events in sub 5s latency.
- **Led squads delivering mission-critical billing infrastructure**, including *billing orchestration*, *AI-powered quote-to-cash*, and *Stigg's credits suite*.
- **Architected and developed the subscription migration flow**, improving the compute time by over 95% and reducing the cost from several thousands of dollars per run to nearly zero.
- **Served as the focal point for backend architecture and engineering standards**, guiding complex feature design, mentoring peers, advocating and teaching team members how to leverage AI more efficiently in their development workflows.
- **Speaker at Identiverse 2025** ([Managing Entitlements for AI Agents](#)), presenting best practices on securing and scaling access models for AI systems.

[Wilco - Engineering Manager & Software Engineer](#), DECEMBER 2021 – JULY 2023

Tech Stack: Node.js, TypeScript, React, Python, Kubernetes, AWS

- Provided hands-on technical leadership and mentorship to a team of 3 full-stack engineers and one DevOps specialist, fostering their professional growth and improving productivity.
- Collaborating with departments across the company, including Product, Design, and Marketing, to ensure alignment and timely delivery of projects, acting as technical liaison between the groups.
- Part of the core team, building the product from MVP to adoption by 20K developers

[New Relic - Senior Software Engineer](#), MARCH 2020 – DECEMBER 2021

Tech Stack: Kotlin, Java, Kafka, PostgreSQL, CircleCI, AWS, GCP, Microservices, Cell Architecture, Docker

- Designed and operated distributed event-driven microservices (Kafka, Kotlin/Java) handling millions of notifications and incident workflows with strict latency and reliability SLAs.
- Fully owned the [Incident Workflows](#) product, from design, feature development, and end-to-end tests, through maintenance, monitoring, and on-call.

- Founded backend engineers guild, scaling engineering best practices, curiosity and quality across distributed teams. Assisted other team members in creating and dry running monthly lectures.

[AppCard](#) - **Backend Developer**, DECEMBER 2018 – MARCH 2020

Tech Stack: Python, AWS (SQS, Lambda, DynamoDB), PostgreSQL, Vertica, Redis, Pyramid, Celery

- Introduced serverless event-driven pipelines (AWS Lambda, SQS, DynamoDB) to support monolith-to-microservices migration with higher reliability and throughput
- Scaled the platform's marketing system, improving 10x in volume and 100x in performance (time), handling over 10M emails and 5M SMS messages a month.
- Designed the product's new real-time reporting system, aggregating and displaying data from over 30M shopping transactions monthly.

EDUCATION

2020 – 2023 **M.Sc. Computer Science**, Reichman University

2016 – 2019 **B.Sc. Computer Science**, Reichman University

2018 University Hackathon winner

VOLUNTEERING

OCTOBER 2024 – PRESENT [Dolphin association mentoring program](#), mentor

AUGUST 2021 – PRESENT [Dolphin association mentoring program](#), program manager

LANGUAGES

Hebrew – Native, English – Fluent, German – Basic