

Rafał Leszko, M.Sc.
Lead AI Engineer (Real-time Generative AI)

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PERSONAL STATEMENT

I am a **Lead AI Engineer** at Daydream/Livepeer and the **lead developer** on Scope - a **real-time** engine for **interactive audio/video AI generation**, running pipelines like video diffusion, LTX-2 and ACEStep on **NVIDIA RTX 4090/5090** (and H100/H200).

I work across the stack on real-time generative AI systems: **architecture**, **rapid prototyping**, and **high-and low-level development**. I code daily in **Python** and **Go**, with prior experience at **Hazelcast**, **Google**, and **CERN**. I have spoken at **70+** **conferences** (including **KubeCon** twice) and authored a **book**.

PROFESSIONAL EXPERIENCE

Livepeer / Daydream, Remote NOV 2021 – PRESENT
Go/Blockchain Engineer → Staff Engineer → Lead AI Engineer

As lead developer on Scope, I own architecture, integrate new model research, and drive end-to-end performance. Earlier at Livepeer I shipped core video infrastructure across Livepeer Node, Decentralized Media Server, and Livepeer Studio.

- Python • PyTorch • CUDA • Diffusion Models • Video/Audio Generation • WebRTC • Go

Hazelcast, Remote MAR 2018 – SEP 2021
Cloud Software Engineer → Cloud-Native Tech Lead

I built Hazelcast's cloud integrations: the **Kubernetes Operator**, **Helm Chart**, **plugins** (Kubernetes, AWS, GCP, Azure, Zookeeper), and **Docker images**.

- Go • Kubernetes • Java • Helm • AWS • Azure • GCP • Docker

Google, Krakow SEP 2016 – FEB 2018
Senior Software Engineer

I designed and built a microservice-based project-tracking system.

- Spanner • GCP • Java • Pub/Sub • Microservices • CI/CD

Zooplus, Krakow, Lead Engineer OCT 2015 – JUL 2016

- Java • Spring Boot • Hibernate • Oracle • MongoDB • Mesos • CI/CD

Luxoft for UBS, Krakow, Tech Lead DEC 2013 – SEP 2015

- Big data • Java • Oracle PL/SQL • Fitness

AGH University, Krakow, Java Developer

OCT 2010 – MAY 2013

• Distributed computing • Eclipse RCP • OSGi • Java • Web Services

CERN, Geneva, Software Engineer

JUL 2009 – SEP 2009, MAR 2011 – APR 2012

• LHC Data Visualization • Java • Spring • C++ • Oracle • SQL

EDUCATION

PhD candidate in Computer Science, AGH University of Science and Technology 2012 – 2014

M.Sc. in Computer Science, AGH University of Science and Technology 2006 – 2012

OTHER ACHIEVEMENTS

I presented at 70+ software conferences (including KubeCon twice) APR 2016 – PRESENT

I authored a book "Continuous Delivery with Docker and Jenkins" AUG 2017

I write blog posts (including for OpenShift) DEC 2015 – PRESENT

I wrote a scientific paper "Verification Mechanism For Lightweight Component-based Environment Based On IoC Container" APR 2014

INTERESTS

On a more personal note, I love **running ultramarathons** and **mountaineering**. During my time at CERN, I was also an official **CERN guide**, explaining physics and CERN to visitors. For years I was a **coordinator**, **team leader**, and **trainer** in the **Szlachetna Paczka** charity.