
Daniela Remenska

Technical engineering manager | Lead | Software engineer

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<https://www.linkedin.com/in/remenska>

<https://scholar.google.nl/citations?user=JGCWSdgAAAAJ>

<https://github.com/remenska>

SUMMARY

Experienced backend engineer and technical leader with a passion for building software that lasts and enabling teams to work well together. My journey has taken me from academic research and scientific computing to hands-on engineering and leadership for online marketplaces.

I enjoy working on distributed systems, microservices, API design and domain-driven modelling. I believe that real customer impact comes from practical solutions and honest communication.

Staying long enough on the same product taught me to recognise complexity early, learn from mistakes and make design choices that age well.

I care about purpose-driven work that addresses real societal problems and stay open to roles or collaborations that align with that. My PhD journey taught me how to approach complex problems, write well and communicate effectively.

EXPERIENCE

eBay Classifieds Group / Adevinta / Marktplaats, Amsterdam

Technical Engineering Manager | Tech Lead | Software Engineer

Amsterdam, Netherlands · Nov 2016 - present

Started out as a backend engineer writing Go services for a first-party advertising solution for the classifieds domain. Over time I grew into a tech lead and, later, a technical engineering manager for the same product and team. Through multiple company transitions (eBay Classifieds → Adevinta → Marktplaats), I have helped shape the product, the system and the team.

Responsibilities include:

- Developing and co-owning multi-tenant services that provide core functionality in the ads domain
- Designing and scaling distributed systems and RESTful APIs
- Working closely with the product owner on product vision, strategy and tactics
- Partnering with customer support and external API partners
- Prioritising tech debt and ensuring it gets tracked and tackled continuously
- Co-authoring and maintaining developer guidelines to scale knowledge transfer
- Improving team cohesion and psychological safety while collaborating with the scrum master on lean processes
- Clarifying the wider context of our work, unblocking team members and encouraging purpose-driven decisions

Selected projects:

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- Seller reporting engine rebuild: Replaced a pre-aggregated, non-scalable MySQL reporting system with a Clickhouse column-store; reduced report generation latency from minutes to sub-seconds and built analytica, a library-supported API (inspired by Google Analytics and Yandex's Metrika) enabling flexible slicing and dicing of billions of events.
 - Seller-level budgets and campaign model: Led the introduction of a seller-level budget feature, transforming our domain model from per-ad management to campaigns as first-class citizens. Enabled bulk management of ads with shared budgets and targeting; adopted by 30% of active users within the first months.

Netherlands eScience Center, Amsterdam

eScience Engineer

Amsterdam, Netherlands · Jun 2015 - Nov 2016

- Collaborated with researchers from academia and public institutes on software projects spanning particle physics and environmental modelling
- Developed tools for optimised data handling and efficient computing in particle physics
- Built a Pythonic interface to the CERN ROOT I/O format for loading and saving pandas dataframes, allowing high-energy physics researchers to perform ad-hoc analysis in Python

NIKHEF - National Institute for Subatomic Physics, Amsterdam

LHCb liaison | Physics Data Processing group member

Amsterdam, Netherlands · Oct 2010 - Mar 2015

- Modelled and implemented a data-management module to recall files from custodial tape storage for the LHCb experiment at CERN
- Served as contact person for the LHCb experiment; acted as grid expert on call for operational support on the DIRAC grid framework used for production, data and job management by high-energy physics communities

MAK-System International Group

Java developer

Skopje, North Macedonia · Feb 2007 - Sep 2008

- developed and maintained eRiskLine software for collection of incidents and risk information management according to user defined procedures; used in healthcare environments for haemovigilance and pharmacovigilance

Institute of Informatics, University of St Cyril and Methodius

Lab instructor

Skopje, North Macedonia · Sep 2004 - Jan 2006

- Taught graduate level Informatics courses for the Bachelor of Science in Sociology program
- Shared responsibility for lectures, exams, homework assignments, and grades

EDUCATION

Vrije Universiteit Amsterdam, Amsterdam - *PhD in Computer Science*

OCT 2010 - MAR 2015

Dissertation Topic: "Bringing Model Checking Closer To Practical Software Engineering"

Stan Ackermans Institute for Technological Design, TU/Eindhoven, Eindhoven -
Professional Doctorate in Engineering (PDEng), Software Technology

OCT 2008 - OCT 2010

Dissertation Topic: "Optimization of Large Scale High Energy Physics Data Analysis"

Institute of Informatics, University of St "Cyril and Methodius" - *Graduated Engineer in Informatics*

SEP 2001 - DEC 2006

Dissertation Topic: "Application of Markov chains in Google's PageRank Technology"

LANGUAGES & TECH STACK

Golang, Python, Java (very basic proficiency)

ELK stack, Jenkins, Consul, Nomad, Prometheus

MySQL, Kafka, Redis, Clickhouse, Elasticsearch, Hive

COMPLETED COURSES OF INTEREST

O'Reilly Online Learning

January 2023

- "Go Production Patterns and Anti-Patterns"

Udemy

January 2023

- "Data Science: Natural Language Processing (NLP) in Python"
- "Time Mastery For Managers"

LinkedIn Learning

January 2023

- "Building Resilience As a Leader"
- "Cultivating Mental Agility"

June 2021

- "Product Management First steps"
- "Software Design: Code and Design Smells"
- "Software Architecture: Patterns for Developers"

February 2021

- "DevOps Foundations: Microservices"

January 2021

- "Software Architecture: Domain-Driven Design"
- "Cultivating Mental Agility"