

Patrick Scheid

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Work Experience

- 12/2023–Present **Engineering Manager, DeepL SE, Cologne**
Lead the Editor Team (8 engineers) developing AI-powered writing tools used by 500k+ users daily. Drive integration of research prototypes into production, and foster an autonomous, human-first team culture. Previously led the Document Translation Team (6 engineers), scaling infrastructure for 150k+ daily documents. Focused on reliability, layout preservation, and stakeholder alignment using custom quality metrics.
- 08/2023–12/2023 **Senior Software Engineer, DeepL SE, Cologne**
Contributed to the Document Translation feature by architecting scalable backend infrastructure. Built robust systems for handling complex document formats with a focus on translation accuracy, performance, and reliability. Collaborated cross-functionally to ensure an intuitive user experience.
- Since 02/2022 **Product Owner, Ryte GmbH, Munich**
Responsible for evolving the API into an API-as-a-Product: defining developer experience, conversion funnel, and monetisation strategies. Leading development of customer management, auth services, CRM integration, and transactional email.
- 07/2019–01/2022 **Backend Developer & Scrum Master, Exaring AG, Munich**
Scrum Master (20%): facilitated ceremonies, coached the Business Systems team, and conducted data-driven retrospectives.
Backend Developer: developed & operated 60 microservices; managed Kubernetes, AWS, Terraform, GitLab CI, and monitoring with Prometheus, Grafana, and Sentry.
- 03/2018–06/2019 **Lead Software Engineer, FreshDetect GmbH, Pullach im Isartal**
Evaluated ML methods, prototyped solutions, provided in-house architecture consulting and training, and led knowledge management initiatives.
- 09/2017–03/2018 **Software & Data Engineer, FreshDetect GmbH, Pullach im Isartal**
Data modelling and development of internal analysis tools; introduced software processes and administered Linux servers & databases.
- 03/2016–09/2017 **Data Cleansing Specialist, FreshDetect GmbH, Pullach im Isartal**
Cleaned and validated incoming data sets; defined data quality criteria and automated defect detection.

Education

- 2016–2018 **Master of Science in Applied Computer Science, Environmental-Campus Birkenfeld, Grade: 1,9**
Specialisation in Environmental and Business Informatics
- 2011–2016 **Bachelor of Science in Applied Computer Science, Environmental-Campus Birkenfeld, Grade: 1,3**
Specialisation in Engineering
- 2009–2011 **Qualification for Advanced Technical College, Dr.-Walter-Bruch-Schule, St. Wendel, Grade: 1,5**
Vocational Training Centre for Business and Business Informatics

Skills & Expertise

Engineering Management

Team leadership, cross-functional collaboration, strategic planning, process optimization

Building autonomous, human-first cultures; scaling teams & workflows; stakeholder communication

Product & Strategy

API-as-a-Product design, developer experience optimization, monetisation models, A/B testing

Road-mapping, requirements engineering, feedback loops, stakeholder alignment

AI & Data Engineering

LLM integration, model deployment, custom quality metrics, end-to-end pipelines

Data ingestion & ETL, Data Vault modelling, automation tooling

Feature engineering, model evaluation, exploratory analysis

Software Engineering

Architect microservices on AWS (EC2, Lambdas) with Terraform, Kubernetes & Docker

Implement CI/CD in GitLab CI; monitor with Prometheus, Grafana, and Sentry

Technologies

Kotlin, Go, Java, Python, Spring Boot, React, ELK Stack

Certificates

2025 **How to Manage a Remote Team**, *GitLab*

2025 **Mathematics for Machine Learning and Data Science Specialization**, *DeepLearning.AI*

2024 **Introduction to Negotiation: A Strategic Playbook for Becoming a Principled and Persuasive Negotiator**, *Yale University*

2015–2016 **Data Scientist Specialisation**, *Johns Hopkins University / Coursera*
Machine Learning, Consulting, Marketing, Process Modelling, Business Formation

Languages

German Native Speaker

English CEFR C1 (Duolingo English Test: 140/160, Nov 2024)