

Patrick Scheid

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*21.03.1992

Work Experience

Since 02/2022 **Product Owner, Ryte GmbH, Munich**

I am responsible for developing our API into an API-as-a-Product. For this, I create visions for a unified developer experience, DX conversion funnel, and monetisation. I identify fundamental problems and collaboratively plan how to solve them. My team develops overarching services such as customer management, authentication & authorisation, CRM integration and transactional mail.

Showcase: GSC/GA Connection-Sharing

Ryte allows clients to import data from Google Search Console and Analytics, which requires managing a connection to Google. For this, I designed a new concept for connection sharing between people and organisations, allowing both: ease of use for SMEs and flexibility for large clients/agencies.

07/2019–01/2022 **Backend Developer & Scrum Master, Exaring AG, Munich**

With about 20% of my working time, I worked as a **Scrum Master** and took over moderation, coaching and data evaluation in the Business Systems Team (Kanban) to support our full-time Scrum Master.

As a **Backend Developer** in the Business Systems team, I was involved in the development/operation of about 60 microservices. I also supported our product owners as a technical contact for various initiatives and developed tools to reduce waste. According to DevOps principles, my tasks included dealing with Kubernetes, infrastructure provisioning in AWS via Terraform, maintaining the Gitlab CI pipelines, monitoring the systems (Prometheus, Grafana, Sentry), and incident management.

Showcase: Age Verification Service

I developed a high-availability, high-performance microservice for age verification via ID documents and for managing youth protection settings. *Kotlin, Spring Boot (later Quarkus), AWS DynamoDB; tests with AssertK, JUnit, Karate, k6*

03/2018–06/2019 **Lead Software Engineer, FreshDetect GmbH, Pullach im Isartal**

As before, but with an additional focus on the following topics:

- Evaluation of methods for machine learning and data preprocessing
- Prototyping to assess new methods and tools
- Inhouse consulting and training on software architecture, quality and development processes
- Knowledge management, process modelling, and management consulting

09/2017–03/2018 **Software & Data Engineer, FreshDetect GmbH, Pullach im Isartal**

- Data modelling and development of data access libraries
- Development of internal tools and services for data analysis and automation
- Introduction of software development processes and corresponding tools
- Administration of Linux servers, databases and provided services

03/2016–09/2017 **Data Cleansing, FreshDetect GmbH, Pullach im Isartal**

- Evaluation and cleaning of incoming data sets
- Development of data quality criteria for the detection of defects
- Automation of data assessment for the detection of defects

Education

2016–2018 **Master of Science in Applied Computer Science, Environmental-Campus Birkenfeld,**
Grade: 1,9

Specialisation in Environmental and Business Informatics

2011–2016 **Master 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, 1,5**
Vocational Training Centre for Business and Business Informatics

Skills

Software Engineering

Agile	Agile Software Development, Domain Driven Design, Kanban, Scrum
Methods	System Design, Clean Coding, Refactoring, TDD, BDD
Architecture	Microservices, REST, Explicit Architecture, gRPC, CQRS & Event-Driven
SRE	Performance Engineering, Resiliency, Incident Management & Post-Mortem Analysis

Technologies

AWS	EC2, DynamoDB, Lambda, RDS Postgres & Aurora, S3, SNS, SQS
Databases	PostgreSQL, Redis, MariaDB
Orchestration	Kubernetes, Docker & Docker-Compose
Monitoring	Sentry, Grafana/Prometheus, Kibana/Elastic
Frameworks	Spring Boot, Vert.x, Quarkus, gin-gonic, React
CI & Infrastructure	Github, Gitlab, Gradle, Terraform

Product Ownership & Product Management

API-as-a-Product, Product Vision & Strategy, Communication & Presentation Skills
Priorisation & Decision Making, Stakeholder Management, Requirements Engineering
Iterative Approach, Feedback Techniques (Product Metrics, A/B-Testing)

Scrum Mastership & Agile Coaching

Values & Principles of Agile Working and DevOps
Self-managed, autonomous
Self-reliant, autonomous Teams & Team Dynamics, Coaching & Mentoring
Retrospectives, Scrum, Kanban, System Theory & Constructivism, Kaizen

Data Science & Data Engineering

Data Cleansing & Extraction, Data-Vault Modelling
Exploratory Data Analysis, Machine Learning, Scientific Process

Programming Languages

Kotlin	●●●●●●	Shell	●●●●●●
Go	●●●●●●	Scala	●●●●●●
Java	●●●●●●	TypeScript	●●●●●●
Python	●●●●●●	Clojure	●●●●●●

Certificates

2015–2016	Data Scientist Specialisation , <i>Johns Hopkins University / Coursera</i>
Further Topics	Machine Learning, Consulting, Marketing, Process Modelling and Business Formation

Languages

German	Native Speaker	English	Fluently
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