

Contact

dennis.thiessen@gmx.de

www.linkedin.com/in/dennis-thiessen (LinkedIn)

Top Skills

Data Engineering

Amazon Web Services (AWS)

Python

Languages

Deutsch (Native or Bilingual)

Englisch (Professional Working)

Russisch (Elementary)

Bokmål, Norwegisch (Elementary)

Certifications

Building Deep Learning Models with TensorFlow

Introduction to Deep Learning & Neural Networks with Keras

Scalable Machine Learning on Big Data using Apache Spark

IBM AI Engineering Specialization

iSAQB ® Certified Professional for Software Architecture Foundation Level

Dennis Thiessen

Staff DevOps & Data Engineer

Switzerland

Summary

Passionate about building the infrastructure that powers Data and AI. With a background in Computer Engineering and over 8 years of hands-on experience, I specialize in designing scalable ML Infrastructure and automated data pipelines.

I thrive at the intersection of Software Engineering and Operations. Whether it is deploying containerized inference models on Kubernetes or orchestrating event-driven architectures with Kafka and AWS, I focus on automation and reliability. My recent work involves re-architecting monolithic data processes into agile, serverless microservices.

Experience

Swisscom

2 years 6 months

Staff Data, Analytics & AI Engineer

April 2025 - Present (1 year)

Bern, Schweiz

- Backend-Engineering with Python, SQL, PySpark
- Implementation and Operation of End-To-End Data Pipelines
- Component Owner
- Infrastructure Automation & Ops

Senior Data, Analytics & AI Engineer

October 2023 - April 2025 (1 year 7 months)

Bern, Schweiz

Bosch

3 years

Senior Data Engineer / Data Analysis

January 2021 - January 2023 (2 years 1 month)

Dresden

- Application Owner Data Analysis in Semiconductor

- Programming in Java & Python
- Programming C# Extensions for Tibco Spotfire (Data Analysis)
- Data Integration / Data Pipelines / Databases (e.g. Oracle)
- Integration of / Bringing ML into Production

Data Engineer / Data-Analysis

February 2020 - January 2021 (1 year)

Dresden

Fraunhofer

Research Software Engineer

September 2018 - February 2020 (1 year 6 months)

Hamburg Area, Germany

- Research Associate
- C# & Java Programming
- AI & ML

Vizrt

DevOps-Engineer

July 2017 - June 2018 (1 year)

Bergen Area, Norway

- Python and C++ programming for a backend transcoding component
- Test automation, quality assurance and process optimization
- DevOps / CI/CD

Generali Deutschland Informatik Services GmbH

2 years 2 months

IT Consultant

October 2016 - June 2017 (9 months)

Hamburg Area, Germany

- Java EE Software Development
- Introduction Behaviour Driven Development
- Robotic Process Automation (RPA with UIPath) and Process Engines (Camunda) using BPMN

International Graduate Programme

May 2015 - September 2016 (1 year 5 months)

- International graduate programme with focus on IT
- PoC Behaviour Driven Development in the context of a java development project
- IT-Project-Management

Capgemini

Software Engineer

November 2014 - May 2015 (7 months)

- Test Automation & Test Driven Development
- Software Engineering in Java

Bundeswehr

Officer (armed forces)

July 2008 - November 2014 (6 years 5 months)

- Joined the Officer candidate course
- Passed officer school
- Various trainings (military, leadership, NATO english etc.)
- Gained first leadership experience
- Resigned as Second Lieutenant

Universität der Bundeswehr München

Student Assistant

August 2013 - December 2013 (5 months)

Munich Area, Germany

- Development of VBA Macros to automate generation of scientific reports / papers

Telefónica Germany

Intern

July 2012 - October 2012 (4 months)

- Quality Assurance of telecommunication networks
- Administration of test-drive databases

Citkomm services GmbH

Intern

July 2011 - September 2011 (3 months)

Iserlohn

- Test-Automation (MESO, Autista, Auto-IT) of Java and C-Applications

M3 Connect

Intern

April 2007 - July 2007 (4 months)

- Development of Web-Applications (PHP, PERL, JavaScript) and Web-sites

Education

Universität der Bundeswehr München

Master of Engineering (M.Eng.), Computer Aided Software
Engineering · (2012 - 2014)

Udacity

Certificate of Completion, AI for Trading Nanodegree · (2021 - 2021)

同济大学

Masters Thesis (M.Eng.), Automotive Software Engineering · (2013 - 2013)

Universität der Bundeswehr München

Bachelor of Engineering (B.Eng.), Applied Computer and Communication
Technology · (2009 - 2013)

Berufskolleg für Gestaltung und Technik der Stadt Aachen

Fachabitur, Staatl. geprüfter Informationstechnischer Assistent · (2005 - 2008)