

# NIKOLAS RIEBLE

## Software Engineer III

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📍 Munich, Germany

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## EXPERIENCE

### Software Engineer

#### Tulip Interfaces

📅 July 2021 - Ongoing

📍 Munich

- Lead the refactoring of a deserted code base to a maintainable state, growing the team from 2 to 5 engineers
- Reduced front end bundle size by 40%, by replacing a core charting component, leading me into landing the position of core maintainer in recharts
- Architected the integration of machine learning features into the platform, enabling forecast and anomaly detection
- Championed engineering best practice and cross-team collaboration by introducing code ownership to the engineering organisation and leading the engineering reading group
- Built caching OPC UA server data to enable users to search nodes, avoid redundant requests and improve customer experience

Typescript

React

Meteor

Storybook

Mongo

Postgres

### Data Engineer

#### Scalable Capital

📅 Oct. 2019 - Jun. 2021

📍 Munich

- Implemented ETL pipelines feeding a Data Warehouse from microservices using AWS SQS and AWS SNS
- Lead adoption of metabase as a self-service BI tool with 100+ users unlocking data driven decision making with monthly workshops
- Founding member of the clean code guild
- Conduct >50 engineering interviews and review test assignment

Kotlin

Java

Python

AWS SNS

AWS SQS

Airflow

Terraform

### Fullstack IoT Developer

#### Hilti GmbH Industriegesellschaft für Befestigungstechnik

📅 Aug. 2018 - Sep. 2019

📍 Kaufering

- Designed and implemented a Data Warehouse to offer a single source of truth across factories
- Digitised 5 production lines, enabling real-time monitoring
- Introduced software engineering best practice (git, testing, code reviews)

C#

SQL

PowerBI

Javascript

Zenon

## OPEN SOURCE

### Recharts

- Revived the project increasing the amount of contributors from 12 in 2022 to 21 YTD
- Introduced storybook test runner to unlock visual regression testing

### Android App: Einbürgerung Deutschland

- Implemented an Android App to prepare for the German Citizenship Test
- Published in the Play Store.

## MOST PROUD OF



#### My courage

to leave my corporate job and join Scalable Capital right before my son was born



#### Graduation in psychology

within three semesters of presence



#### Continuous effort

to become a software engineer

## STRENGTHS

Python

Kotlin

Typescript

Javascript

React

Redux

Node

Docker

Mongo

SQL

AWS

Terraform

Storybook

TDD

DDD

## EDUCATION

### M.Sc. Computational Engineering Science

#### Technical University Berlin

📅 2015 - 2018

### B.Sc. Psychology

#### University of Vienna

📅 2013 - 2015

### B.Sc. Mechanical Engineering

#### Technical University Stuttgart

📅 2009 - 2014

## LANGUAGES

English  
German  
Turkish  
Spanish

