

Nikolas Rieble

Software Engineer

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PROFILE

Experienced problem solver with a focus on value creation. I have a strong background in software engineering, data engineering and machine learning. I am passionate about building high-quality software and leading teams to success. I am a core maintainer of the recharts library and have experience in refactoring legacy code bases.

WORK EXPERIENCE

- **Senior Software Engineer II** since Feb. 2024
HashiCorp
- **Engineering Manager** Okt. 2023 - Jan. 2024
 - Lead the refactoring of a deserted code base to a maintainable state, growing the team from 2 to 5 engineers
- **Software Engineer III** Mar. 2022 - Sep. 2023
 - 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
- **Software Engineer II** Jul. 2021 - Feb. 2022
Tulip Interfaces
 - 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
- **Data Engineer** Oct. 2019 - Jun. 2021
Scalable Capital
 - Developing ETL pipelines with Airflow: To extract data from multiple sources and conduct long-running daily OLAP queries, I implemented airflow jobs in Python.
 - Driving BI tool usage in the company: Maintaining metabase as a self-service BI tool and educating colleagues across all departments.
 - Extracting data from a micro-service architecture: Implementing event-driven message sending using AWS SQS and SNS from Java 8 and Kotlin applications.
- **Fullstack IoT Developer** Aug. 2018 - Sep. 2019
Hilti GmbH Industriegesellschaft für Befestigungstechnik

- Professional software development setup: I increased development speed by setting up git and reduced communication overhead introducing and owning Atlassian Tools such as Jira, Confluence and Bamboo
- Data Warehousing: I developed and maintained a Data Warehouse to align, clean and merge data from multiple databases and offer a single source of truth to end users.
- Reporting: I setup dashboards with PowerBI and educated key users from multiple departments to create and maintain their own reports.
- Web App MVP: To acquire data from production line workers, I implemented a web app with a html frontend and a javascript backend.

EDUCATION

- **M.Sc. Computational Engineering Science** 2015 - 2018
Technical University of Berlin
- **B.Sc. Psychology** 2013 - 2015
University of Vienna
- **B.Sc. Mechanical Engineering** 2009 - 2014
Technical University Stuttgart