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