

# Nikolas Rieble

Software Engineer

**Address:** Ungererstr. 161, 80805 Munich

**Email:** nikolas-rieble@protonmail.com

**Phone:** +49 172 1811 209

**GitHub:** github.com/nikolasrieble

## PROFILE

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Experienced software engineer with expertise in building scalable systems, refactoring legacy code, and leading teams. Excited to ship product, navigate the tradeoffs between value and effort, and build an organization to deliver.

## WORK EXPERIENCE

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**HashiCorp** since Feb. 2024

- Senior Software Engineer II Terraform Enterprise
  - High availability features: Enhanced PostgreSQL cluster support with failover.
  - On-call: Participated in 24/7 on-call rotation.

**Tulip Interfaces** Jul. 2021 - Jan. 2024

- Engineering Manager Analytics
  - Team leadership: Managed a team of 4 engineers to deliver a query and reporting product.
  - Codebase refactoring: Migrated a legacy JavaScript codebase to TypeScript.
- Software Engineer III Analytics
  - Machine learning integration: Architected features for forecasting and anomaly detection.
  - Charting library migration: Replaced Plotly with Recharts, reducing bundle size by 40%.

**Scalable Capital** Oct. 2019 - Jun. 2021

- Data Engineer BI
  - ETL pipelines: Developed Airflow jobs for data extraction and OLAP queries.
  - BI tools: Maintained Metabase and trained colleagues in self-service analytics.

**Hilti GmbH** Aug. 2018 - Sep. 2019

- Fullstack IoT Developer Digital Factory
  - Data warehousing: Built a data warehouse to unify and clean data from multiple sources.
  - Reporting tools: Created PowerBI dashboards and trained users.

## OPEN SOURCE CONTRIBUTIONS

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- Recharts
  - Core Maintainer: Improved performance, reduced bundle size by 40%, and engaged with the community.
  - Tooling Enhancements: Introduced Storybook and migrated unit tests to Vitest.

## EDUCATION

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