

# Nikolas Rieble

Software Engineer

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## PROFILE

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Experienced software engineer with expertise in building scalable systems, refactoring legacy code, and leading teams. Passionate about delivering value through high-quality software and innovative solutions.

## WORK EXPERIENCE

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- **Senior Software Engineer II** HashiCorp, since Feb. 2024
  - High availability features: Enhanced Terraform Enterprise with PostgreSQL cluster support and failover.
- **Engineering Manager** Tulip Interfaces, Oct. 2023 - Jan. 2024
  - Team leadership: Managed a team of 4 engineers to deliver a query and reporting product.
  - Codebase refactoring: Migrated a legacy JavaScript codebase to TypeScript, improving maintainability.
- **Software Engineer III** Tulip Interfaces, Jul. 2021 - Sep. 2023
  - Machine learning integration: Architected features for forecasting and anomaly detection.
  - Charting library migration: Replaced Plotly with Recharts, reducing bundle size by 40%.
- **Data Engineer** Scalable Capital, Oct. 2019 - Jun. 2021
  - ETL pipelines: Developed Airflow jobs for data extraction and OLAP queries.
  - BI tools: Maintained Metabase and trained colleagues in self-service analytics.
- **Fullstack IoT Developer** Hilti GmbH, Aug. 2018 - Sep. 2019
  - Data warehousing: Built a data warehouse to unify and clean data from multiple sources.
  - Reporting tools: Created PowerBI dashboards and trained users for self-service reporting.

## 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