Alex Fischer
Sonnenallee 123
12045 Berlin

Company GmbH
Hauptstraße 5
10115 Berlin

Berlin, 27th of September 2025

Application for Engineer (m/f/d)

Dear Company Team,

I am excited to apply for the Engineer position at Company GmbH. With a strong focus on Rust and cloud-native architectures, I specialize in building high-performance backend services that scale seamlessly. The chance to apply these skills to optimize large-scale fleets aligns perfectly with my passion for systems programming and real-time data processing.

In my current role, I designed a Rust-based telemetry ingestion pipeline using Tokio and Actix that reliably processes tens of millions of events per day with sub-millisecond latency. By leveraging async Rust, structured logging, and Prometheus observability, I was able to reduce tail latencies by over 40% while ensuring fault tolerance across multiple clusters.

I also developed secure serverless components in Rust, including custom AWS Lambda runtimes that cut cold start times significantly compared to Node.js implementations. This work taught me how to combine low-level systems knowledge with modern DevOps practices.

Beyond my professional work, I have pursued projects that deepen my expertise in Rust's ecosystem. I built a hybrid chatbot leveraging Rust's FFI to integrate with machine learning models, and I published a case study on applying Retrieval-Augmented Generation to enterprise environments. My open-source portfolio demonstrates my eagerness to experiment with concurrency models, type-safety, and zero-cost abstractions to deliver real-world value.

I am eager to bring my background in Rust, distributed systems, and fleet data optimization to the Fleet Optimization Team at Company GmbH. Thank you for considering my application. I would welcome the opportunity to discuss how my skills can contribute to building smarter, more efficient, and scalable backend solutions.

Thank you for considering my application.
I look forward to getting to know each other.

Best regards,

Alex Fischer