

Cover Letter

My name is **Mohammed Rishad Vallakkatt Kadungath**, and I am a seasoned backend engineer with over **7 years of professional experience** in building scalable, reliable, and high-performance backend systems. I hold a **Master's Degree in Computer Science** from the **University of Calicut, India**, and have successfully delivered projects across multiple industries and client domains.

Currently, I am working as a Backend Tools Engineer at **Chronext Service Germany GmbH** in Cologne, Germany. My work involves designing and developing internal tools for operations such as logistics, marketing, and supply chain using **Python, FastAPI, and React**, while also incorporating modern systems programming with **Rust, Actix-Web, Tokio**, and **Cargo** to improve service performance and concurrency.

Over the years, I have built strong expertise in backend architecture, API design, data pipelines, and cloud infrastructure. I enjoy taking ownership of the full development lifecycle—from requirements gathering and implementation to deployment and monitoring—while maintaining a strong focus on code quality, maintainability, and team collaboration.

Key Areas of Expertise:

- **Programming:** Python, Rust, Go, Bash
- **Frameworks:** FastAPI, Django, Actix-Web, Tokio
- **DevOps & Cloud:** Docker, Git, CI/CD, AWS, Terraform, Kubernetes
- **Data:** SQL, Apache Spark, Redshift, Airflow, Tableau
- **Databases & Messaging:** PostgreSQL, MySQL, SQLite, Redis, RabbitMQ
- **APIs:** REST, GraphQL, JSON, XML
- **AI & LLMs:** OpenAI GPT, ClaudeAI, Copilot, LLM-based automation, prompt engineering, embeddings, vector databases
- **Engineering Practices:** Clean Code, Testing, Automation, Mentoring, Open Source Contributions
- **Tooling & Productivity:** Cargo (Rust), Poetry/UV (Python), VS Code, PyCharm, GitHub Actions

I am looking to join a company that values engineering excellence, a collaborative culture, and continuous learning. I thrive in diverse teams and enjoy contributing to meaningful products while growing professionally.

Thank you for taking the time to review my application. I would be delighted to connect and explore how I can add value to your team.

I've attached a copy of my resume that details my projects and experience in software development. I can be reached anytime via my cell phone, +49 15510 113900 / +91 9567802281 or via email at mohammedrishad.vk@gmail.com