Sreekuttan Sreedharan Thampi

+49 15730170349 | sreekuttan3196@gmail.com | portfolio-sreekuttan.vercel.app

Profile

Backend Software Engineer with **6+ years** of experience, currently building **distributed Go services** for a **multi-tenant, cloud-native platform**. Strong in **reliable APIs**, **secure authorisation** and **data integrity** (**PostgreSQL, ScyllaDB, Redis**), earlier in **C#/.NET**. Works with **Kubernetes** and **GitOps**, and sets team-wide **AI coding assistant** standards.

Professional Experience

IT Designers Gruppe Sep 2025 to Present
Software Developer *Stuttgart, Germany*

- Build **Go** backend services for a **multi-tenant, cloud-native** fleet platform (**modular monolith**, **microservices**).
- Designed a **policy-based authorisation system** from scratch (tenants, roles) with **Keycloak**, earlier **Zitadel**.
- Built **idempotency guarantees** on **ScyllaDB** and **Temporal** retry policies for reliable distributed workflows.
- Design **REST APIs** with **Swagger/OpenAPI** in idiomatic Go (interfaces, explicit errors, context propagation).
- Work across **PostgreSQL** (**GraphQL** via **PostGraphile**, **pgmemento** audit), **ScyllaDB**, **Redis**, **MongoDB** and **S3**.
- Run **Kubernetes** services via **GitOps** (**Helm, Kargo, Argo CD**), **CI/CD** on **GitHub Actions**, basic **Prometheus**.
- Defined team-wide rules, skills and agents for **AI coding assistants (Claude, GitHub Copilot)** and kept architecture docs compliant with **arc42** and **SSEP**.
- Contributed a **React/Redux/Vite** frontend feature end to end.

Mercedes-Benz AG May 2024 to Jul 2025
Software Developer (Internship, Master's Thesis, Working Student) *Stuttgart, Germany*

- Designed and built an **MVP fleet planning and dispatching** app for the thesis (**.NET Core 8, Angular, PostgreSQL, Entity Framework, RabbitMQ, Docker**) with **Clean Architecture**, **CQRS** and **TDD**.
- As working student, continued it and built a **vehicle hub management** app with **Django, TypeScript and Angular**.
- As intern, automated **Jira** and built a real-time fleet calendar in **Python** with the **Confluence** REST API and **cron**.

Deutsche Automobil Treuhand GmbH (DAT) Mar 2023 to Apr 2024
Software Developer (Working Student) *Germany*

- Built a **SOAP API** test client and an **XML comparison** tool in **.NET Core 6, C# and WPF**, with **Jenkins** CI/CD.

Infosys Private Ltd Nov 2019 to Aug 2022
Software Developer *India*

- Built an **e-commerce CPQ configurator** (elevator manufacturer) with **C#, ASP.NET MVC, Angular, WCF**.
- Delivered **50%+** of the **RESTful API** surface and the **MS SQL Server** database design (**stored procedures**).
- Worked in agile **SCRUM** sprints with **GitHub CI/CD** and **Azure Boards**.

Technical Skills

Programming	Go (primary), C# (.NET Core), Python, TypeScript, JavaScript, SQL, Java (foundational)
Backend, Data	REST/OpenAPI, GraphQL, Temporal, RabbitMQ, Microservices, CQRS, DDD, Clean Architecture, PostgreSQL, ScyllaDB, Redis, MongoDB, MS SQL Server
Cloud, Security	Kubernetes, Docker, Helm, Argo CD, Kargo, GitHub Actions, Jenkins, Prometheus (basic), Keycloak, Zitadel, S3, arc42, SSEP (Software Security Engineering Process)
Frontend, AI, Tools	React, Redux, Vite, Angular, Tailwind CSS, Claude, GitHub Copilot, Git, Jira, Confluence, YouTrack, Postman, Linux, Figma, Azure Boards
Spoken	English (fluent), German (B1)

Education

Hochschule Darmstadt, University of Applied Sciences 2023 to 2025
M.Sc. in Electrical & Information Technology, Embedded Systems and Microelectronics, Grade 1.8 *Germany*

Government Engineering College Kozhikode 2015 to 2019
B.Tech. in Electronics & Communication Engineering *India*