Philip Scheer

Engineering & Technology Manager · Solutions Architect — Open to Remote

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PROFESSIONAL SUMMARY

I turn ideas into low-cost, high-performance products. 20+ years in technology, 10+ leading cross-functional, remote-first teams across finance, sports-tech, retail and pharma. Hands-on from strategy and architecture to delivery — real-time systems, microservices, design systems and AI/ML. Led squads of 80+ people and a portfolio of R$26M+ in technology projects. Fluent in English and Portuguese.

CORE SKILLS

Leadership & Product: Engineering Management · Solutions Architecture · Technical Product Management · Agile/Scrum · Stakeholder Management · Design Systems · UX

Architecture & Backend: Microservices · Real-Time Systems (WebSockets) · Event-Driven (Kafka, IBM MQ) · gRPC/Protobuf · API/BFF · Go · Python · Java (Spring WebFlux) · .NET · Node/NestJS

Frontend & Mobile: Next.js/React · TypeScript · Flutter · Nx/Turborepo · Prisma

Data & Cloud: PostgreSQL · Oracle · SQL Server · SAP HANA · Redshift · Redis · Apache Airflow & dbt · BigQuery · AWS/Azure/GCP · Docker · CI/CD · Prometheus

AI/ML & Domain: Machine Learning · Generative AI · NLP · Payments & Fintech · ERP Integration (SAP, Oracle)

PROFESSIONAL EXPERIENCE

Founder · Solutions Architect & Engineering Manager — SCHEER TECNOLOGIA LTDA

Self-employed · São Paulo, Brazil (Remote) · Mar 2024 – Present

Technology consultancy delivering dedicated project teams and end-to-end solution architecture for enterprise clients.

R10 — real-time sports data platform (via Grupo OTG) · Aug 2025 – Present

- Lead engineering & architecture for a real-time sports data platform (web, mobile, live services) plus partner-management/analytics and internal products.
- Architected the real-time backbone (Python/FastAPI hub, gRPC/Protobuf dataloader, Redis pub/sub, Go WebSocket fan-out & push services), scaled 10x — 100K to 1M+ concurrent users at sub-300ms P99 — with ~57% lower operating cost (≈2.3x cheaper).
- Standardized a polyglot microservices stack (Python, Go, Java/Spring WebFlux, Node/NestJS) over PostgreSQL, Redis, BullMQ, Docker and Prometheus; led Next.js/React and Flutter delivery with a Figma-aligned design system.

Crefisa — financial services / fintech (via Avanade · Accenture) · Dec 2024 – Aug 2025

- Defined reusable solution-architecture templates (APIs, BFF, EDA, .NET, Python, data pipelines) that cut delivery time and infrastructure cost across teams.
- Designed core components (Kafka/IBM MQ, resilient HTTP clients, Redis caching, JWT auth) for scalable, secure financial systems; led Architecture Review Boards and DevOps/CI-CD governance.

EMS — pharmaceutical (via Levva) · Mar 2024 – Dec 2024

- Led end-to-end ERP integration and modular, scalable architecture; reduced query times and technical debt in legacy systems.
- Automated processes with generative AI and built decision-support analytics and an NLP chatbot (Python, FastAPI, TensorFlow) on Microsoft Teams; directed secure, zero-downtime data migration.

Senior Technology Manager — Dexco (Duratex)

São Paulo, Brazil · Jan 2022 – Jan 2024

- Led the digital technology strategy; achieved a 50% reduction in database query time through advanced optimization, lowering compute cost.
- Owned end-to-end delivery of digital systems and IT infrastructure; built an AI Sales/HR chatbot (Python, NLP) integrated with Microsoft Teams.

Design System Manager — Dell Technologies (Remote)

USA & Brazil · Jun 2020 – Jan 2022

- Built and governed an enterprise design system (standards, documentation, tooling) for consistent UX; shaped vision and roadmap from market trends.
- Established incremental, agile delivery of components — faster reuse, lower build cost — working fully remote across US/Brazil teams.

Technology & Innovation Manager — Restoque S/A

São Paulo, Brazil · Apr 2019 – May 2020

- Led 3 teams (Product, Innovation, UX Labs; 27 people); defined product vision and roadmaps from market and customer research.
- Drove Design Sprints and a Flutter app redesign; implemented CI/CD (Rancher, Azure, GCP) and a SaaS for high-demand app delivery.

Principal Software Engineer, Payments & Systems Architecture — 99 (a DiDi company)

Brazil, USA & China (Remote) · Aug 2017 – Apr 2019

- Authored the Global Application Architecture; built SAP B1 ERP integrations (B1if, DI API, Add-ons) across global markets.
- Oversaw 18 concurrent projects; deep Brazilian fiscal/tax compliance. Tech: PL/SQL, Python, Java, SAP HANA.

EDUCATION

B.Sc. in Computer Science — FAENAC University, São Paulo

CERTIFICATIONS

18+ certifications, including: Introduction to Generative AI (Google, 2024) · Product Analytics & Product Strategy (Product School, 2024) · Databricks ETL/MLflow/Delta Lake (2020) · Scrum Fundamentals · Six Sigma Green Belt · Hello Design Thinking (IDEO)

LANGUAGES

English (Full professional) · Portuguese (Native) · German (Intermediate)