GREGORIO KUSOWSKI

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OBJECTIVE

Results-driven Engineering Leader with 15+ years of experience designing and scaling high-performance distributed systems. Passionate about solving real-world business problems with practical and scalable technical solutions.

EDUCATION

Bachelor of Computer Science, Universidade Feevale   2009 - 2016

SKILLS

Key-Technologies	Java, Kotlin, Golang, Ruby, Rails, Postgres, Redis, Elasticsearch, Kafka
Technical Skills	Distributed Systems, Cloud Computing, Backend Development, System Design, Search
Soft Skills	Strong Collaboration, Leadership, Management, Mentoring

EXPERIENCE

Founding Engineer @ Stealth   October 2024 - Present / *UK [Remote]*

- Designed and implemented Indexing, Hybrid Search and RAG (Pinecone/ElasticSearch/OpenAI/Gemini/Golang)

Staff Engineer @ Trade Republic   August 2023 - September 2024 / *Berlin, Germany [Hybrid]*

- Led the Trading Experience department as Tech Lead, improving the Order Flow
- Released the new Portfolio Valuation that unlocked the release of Debit Cards across Europe to Millions of Users

Staff Engineer / prev. Senior Engineer @ Shopify   August 2020 - July 2023 / *Canada [Remote]*

- Guided team performance by mentoring peers towards project leadership and representing technical perspectives
- Improved Checkout reliability and performance, driving an estimated $105M USD annual GMV increase

Engineering Manager / prev. Senior Engineer @ heycar March 2018 - July 2020 / *Berlin, Germany [On-Site]*

- Managed the Infrastructure and Customer Engagement teams
- Led Search, including infrastructure (Kotlin/Elasticsearch/AWS/K8s/Terraform)

Senior Backend Engineer @ fromAtoB GmbH   February 2017 - February 2018 / *Berlin, Germany [On-Site]*

- Released a new API Version which enabled expansion to multiple countries
- Led the Federated Search rewrite, reducing TTFB by orders of magnitude and enabled streaming (Rails/Golang)

Tech Lead / prev. Software Engineer @ Prime Systems   December 2010 - January 2017 / *Brazil [Remote]*

- Led technical projects for both Retail/Marketing, and Wholesale/Sales (Ruby/Rails/Java)

Developer @ SystemHaus Ltda.   January 2009 - December 2010 / *Brazil [On-Site]*

- Implemented business requirements on a desktop client/server architecture (Java/Spring)

PROJECTS

Backup Rates Led the instrumentation, supported the analysis and drove the development of Backup Rates, which extinguished Dynamic Shipping Rates errors during Checkout and increases GMV by estimated $ 105M USD/year.

Portfolio Valuation Led the Portfolio Valuation Long-term Project, exploring Modified Dietz, Time-Weighted, and Money-Weighted algorithms for Performance Analysis, leveraging ScyllaDB for Storage. Also implemented a Rollup Engine to improve read performance, and formed a system to do ad-hoc historical event-driven backfills.