

## Relevant Professional Experience

<b>Lead Engineer</b> <u>Grafbase</u>	Oct. 2023 – Present Remote
<ul style="list-style-type: none"><li>Small, high ownership and high velocity team building an enterprise focused Federated GraphQL solution.</li><li>Participated in the design and implementation of Grafbase Gateway, a GraphQL Federation Gateway that demonstrated best-in-class runtime and query planning performance. Co-developed the WebAssembly (WASI preview 2) based extensions system.</li><li>Developed features in close contact with Enterprise customers. For example a revamp of the authentication and authorization architecture of the Grafbase platform for self-hosted scenarios, with deep integration with the enterprise's identity provider and policy engines (Cedar, AuthZEN).</li><li>Led the design and development of schema evolution features, like schema proposals and usage-based (ClickHouse) breaking change analysis.</li><li>Started and maintained the <u>first and only Rust implementation of federated GraphQL composition</u>.</li><li>Engaged with GraphQL working groups (Composite Schemas) and gave <u>talks</u> at GraphQL Conf 2025.</li><li>Owned Kubernetes deployments of the Grafbase platform, monitoring, integrations, OAuth/OIDC, ...</li></ul>	
<b>Senior Engineer, Tech Lead</b> <u>Prisma</u>	Sept. 2019 – Oct. 2023 Berlin, Remote
<ul style="list-style-type: none"><li>Second Rust hire at Prisma. Started on the Scala to Rust migration (Prisma 1 to Prisma 2), then worked on the Rust components of the ORM over four years. Weekly downloads grew <u>about 115x</u> over that time frame.</li><li>Three years as Tech Lead of the Schema Team, responsible for the Prisma Schema Language and its implementation, and the whole database schema management space.</li><li>Subsequently, worked on the Client Team, responsible for the Query Engine behind Prisma Client.</li><li>Owned the size project leading to considerable binary size reductions (in particular for serverless use cases), and spearheaded the WebAssembly migration effort.</li><li>Reworked the Prisma Schema Language (PSL) implementation to use traditional programming language parsing techniques, massively improving performance and ease of implementing validations.</li><li>Built the language intelligence infrastructure for the PSL LSP server and the PSL formatter.</li><li>Introduced rigorous benchmarking in different dimensions (release sizes, compile time, resource usage, performance).</li><li>Engaged in hiring for ICs, Engineering and Product Managers, mentoring and formal feedback rounds.</li><li>Proposed and ran Rust and database engineering learning groups for engineers.</li><li>Still <u>all time top contributor to prisma-engines</u> to this day.</li><li>Led high impact projects: native types support, Postgres extensions, isolating the query planner, ...</li></ul>	
<b>Engineer, Senior Engineer, Tech Lead</b> <u>store2be</u>	Oct. 2016 – Sept. 2019 Berlin
<ul style="list-style-type: none"><li>Second engineering hire as Full Stack Engineer on a B2B booking platform with Ruby on Rails, Postgres and Kubernetes on the backend, and React on the frontend.</li><li>Introduced and drove adoption of TypeScript, and later GraphQL to the team.</li><li>As Tech Lead for the whole backend team, I was responsible for hiring, one-on-ones, career planning, formal feedback rounds, and mentoring.</li><li>Bolstered collaboration practices: regular pair programming, systematic, thorough code reviews, regular 1:1s, TDD, product-oriented thinking.</li><li>Built a PDF contract and invoice generation service with per-customer templates support using Rust with futures 0.1 and tokio.</li><li>Took an active part in infrastructure work, migrating from Heroku to Kubernetes and Terraform.</li></ul>	

- Developed new internal web applications, new public-facing websites and enhanced older websites as the single full-time developer in a heritage-focused company working mostly for the public sector.
- Took on other tasks occasionally: web scraping, batch data manipulation...
- Python (Django), React, Typescript, PHP, PostgreSQL, Ansible, Jenkins, Docker.

## Interests

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- Long lived interest in **database engines** and database engineering in general.
- Long time **Rust** user who saw the language and ecosystem develop from the very early stages. I have been writing Rust code regularly since 2016–2017, and it has been my primary language at work since I joined Prisma in 2019. You can find more and less recent samples of my code on GitHub.

## Skills

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- **Languages:** English, French, German, Chinese (HSK level 6 in 2015), Japanese (JLPT N1 in 2015)
- **Programming languages:** Rust, SQL, Lean, TypeScript, Python, Ruby, Scala, C, C++, etc.
- **Technologies:** Database Engineering, Linux, Kubernetes, Docker, Linux, DuckDB, GraphQL, etc.

## Degrees

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**Master's Degree in Tourism Management**  
Université Lyon II

Sept. 2014 – Sept. 2015

**Master's Degree in Political Science**  
Institut d'Études Politiques Aix-en-Provence

Sept. 2008 – May 2013