

Timur Iskhakov

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Software engineer, 8 years in data platforms and applied LLMs. Built the data platform behind Emerge, knowledge-graph search at DataLinks, and the integration framework behind Aer Compliance.

Experience

- Jan 2026– **Founding Engineer (Contract)**, Emerge, London, UK
Apr 2026
 - As the lead engineer, owned the data wallet OAuth consent product end-to-end: Python microservices, a React frontend, AWS infrastructure-as-code in Terraform, and Atlas-based schema migrations.
 - Set up production engineering hygiene from day one, such as Temporal workflows, schema migrations, and Sentry observability.
- Feb 2025– **Staff Software Engineer (Contract)**, [DataLinks](#), London, UK
Aug 2025
 - Built knowledge-graph deep search over S&P-listed companies and global sanctions lists, surfacing indirect supplier links and ownership exposures.
 - Built the LLM-based semantic search over the global tariff database powering [SearchTariff](#).
- Sep 2024– **Staff Software Engineer**, [ElevenLabs](#), London, UK
Dec 2024
 - Built semantic library search for [ElevenReader](#), ElevenLabs' consumer iOS/Android reading app for articles, PDFs, and ePubs (now 3M+ downloads).
- Nov 2022– **Senior Software Engineer**, [Aer Compliance](#) (acquired by [StarCompliance](#), 2024), London, UK
Sep 2024
 - Led the data platform for an SEC-focused crypto-compliance product: pre-trade clearance, post-trade monitoring, and employee conflicts of interest.
 - Designed the holdings/transactions ontology and built an integration framework spanning 130+ exchanges and 30+ blockchains.
 - Re-architected the OAuth credential pipeline, eliminating user-facing re-auth prompts and a standing weekly credential-loss triage.
- Sep 2018– **Forward Deployed Software Engineer**, [Palantir](#), London, UK
Oct 2022
 - Designed and led a full-stack Terraform-style config-as-code platform for data-pipeline scheduling and data-quality checks. Adopted across 20+ Foundry deployments managing 10 000+ pipelines, replacing manual maintenance and reducing compute spend.
 - Drove platform adoption across the organisation, from data-engineer onboarding to C-level demos.
 - Scaled airline onboarding onto [Skywise](#), the aviation data platform with Airbus (now 140+ airlines).
- Nov 2017– **Software Engineering Intern**, [Yandex](#), Moscow, Russia
Apr 2018 [YTaurus](#), Yandex's primary distributed big data storage and processing platform.
- Jun 2017– **Software Engineering Intern**, [Google](#), San Francisco Bay Area, CA, US
Sep 2017 [Project Treble](#), the Android OS redesign that streamlined manufacturer device updates.

Skills

- Programming Python, TypeScript, Java, Kotlin, Scala, C++.
- Applications AWS, GCP, Terraform, Docker, Temporal, PostgreSQL, Spark, dbt, React.
- Domains LLM applications, semantic search, embeddings, vector databases, knowledge graphs, OAuth.

Education

- 2014–2018 **BSc in Computer Science**, [HSE University](#), Moscow, Russia
Specialisation: Machine Learning.

Achievements

- 2018 ACM ICPC World Finals: Rank 34th out of over 100 000 teams of three globally.
- 2017–2018 Top 100 globally: Google Code Jam (2017) and Google Hash Code (2018).