

Dmitrii Gorbunov

Software Engineer

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Profile

I am a software engineer with ~20 years of professional experience. Looking for middle+, senior or lead position.

Skills

Technical supervising, mentoring, team management, product management, architecture, programming, performance optimization, and DevOps.

Experience

ZIPREADER – 2025

A platform for actors to create audition self-tapes.

Key technologies: **Typescript, Svelte 5, Python, AI**

- Researched open-source models for TTS, Speech Recognition, OCR and structural data extraction, provided detailed report
- Built a MVP

REPUNZEL – 2025

A platform for aspiring actors to find agents.

Key technologies: **Typescript, Svelte 5, Firebase, Supabase, Redis.**

- Completed application redesign
- Updated application architecture
- Updated payment workflow, track purchases
- Reduced third-party dependency count
- Migrated to Svelte 5, improved performance, dev experience and code quality
- Migrated to Supabase, which allowed to implement OLAP and improve performance and data structure
- Added vector search to match agents with actors using NLP
- LLM-powered data search and processing to build the database of agents

AUDITIONAL – 2024

A platform for tracking auditions for actors.

Key technologies: **Rust, AI, Typescript**

- Optimized structured information retrieval using RAG, achieved more stable generation and better precision.
- Optimized web API, achieved better throughput and reduced latency.
- Improved Chrome extension performance and modernize stack

WELLFOUNDFOODS – 2024

Key technologies: **Python, Django, Web Components, Typescript, Celery, Pandas.**

- Optimized performance of the Wellfoundfoods vending machines platform, reducing overall response times across the app.
- Optimized external data synchronization, reducing latency and bandwidth.
- Implemented new type of reporting, improving client satisfaction.
- Refactored Postgres data model to streamline storage.

ARRO – 2024

Key technologies: **Python, SciPy, Pandas, Polars, TensorFlow, Ray, AWS**

- Implemented custom grid searching solution, deployed to AWS SageMaker, utilized Ray to distribute computation.

DEMANDIFY – 2024

Key technologies: **Python, Pandas, Polars, Typescript, Svelte 5, RabbitMQ**

- Implemented distributed system to create supply/demand models for clients
- Created deployment pipeline

REPUNZEL – 2024

A platform for aspiring actors to find agents.

Key technologies: **Typescript, Svelte 4, Firebase**

- Optimized deployment process by removing extra Express.js server and migrating from CloudFlare to DigitalOcean.
- Optimized application performance, reducing latency and time to render.
- Refactored application, removed outdated code, updated dependencies, fixed security issues.
- Implemented new features: multiple submissions, multiple purchase options.

FRIISBI (COALA VISIONARIO) – 2021-2023

Key technologies: **Go, Typescript, Rust, React, Kafka, GraphQL, NoSQL, PostgreSQL, Temporal**

- Designed microservice-based platform architecture.
- Implemented backend microservices for user, project, data source management, data fetching, data processing, GraphQL API for the frontend.
- Implemented PostgreSQL extension (foreign data wrapper) to sync remote data.
- Built custom in-house set of libraries for Go
- Built React components for rich data presentation (pivot tables, kanban)
- Designed and implemented Temporal-based workflows

COALA VISIONARIO – 2023

Key technologies: **Go, Typescript, Python**

- Research and development of custom LLM to be used in Odoo as a remote service for natural language report generation.

AUTOCRUITMENT – 2017-2021

Key technologies: **Python, Django, Vue 2, Go**

- Refactored and rebuilt database architecture, yielding a speed-up in all API requests by up to 10x
- Extracted some performance-critical sections into Go microservice, which helped reduce latency and improved end-user experience
- Built new features, like complex reporting and statistics analysis
- Rebuilt UI from scratch in Vue, which enhanced user experience and retention

MAKEOMATIC – 2013-2018

Outsource software development for various clients.

SELF-EMPLOYED – 2010-2013

Various freelance jobs primarily **PHP, Python and jQuery**.

JUNIOR SOFTWARE ENGINEER, CITY COUNCIL – 2009-2010

Minor functions development for internal CRM, supervising digital certificates issuance and distribution for municipal subsidiaries.