



ABAY ALIYEV

Software Engineer

Summary

Software engineer with 3 years of full stack web development experience, specializing in building scalable and maintainable applications using modern technologies.

Work experience

- **Kilanka GmbH** *Sep 2025 - Present*
Software Engineer
 - Developed a Solid.js proof-of-concept frontend from scratch, using a custom made Routing layer while following the architectural patterns of the existing platform.
 - Expanded the internal component library by adding new components, strengthening TypeScript definitions, and improving Storybook documentation.
 - Implemented visual regression testing using Playwright for reusable UI components.
 - Developed export and migration utilities for transferring customer domains: entities, storage/files, and associated resources, to support offboarding workflows.
 - Extended features by implementing RPC-based backend endpoints, extending typed frontend features, and writing migration scripts.
- **Mvouter** *Sep 2024 - Aug 2025*
Frontend Developer
 - Built an access-matrix platform that automated multi-level approval flows, reducing manual review time for access requests by 40–50%.
 - Established the frontend data layer using RTK Query with normalized data, predictable caching, and unified error handling.
 - Set up deployment infrastructure with containerized services, configuring routing/proxying via Nginx, provisioning AWS environment, and automated deployments through GitHub Actions
 - Designed an authorization layer with access tokens and automated refresh handling, enforcing granular role and permission-based access.
- **DGSC** *Apr 2023 - Aug 2024*
Fullstack Developer
 - Developed a tree-structured reporting interface allowing users to build custom aggregation schemes, reducing manual construction by 30%.
 - Integrated partner services into the platform, reducing manual external report submissions by 60% through stable API-based automation.
 - Implemented a Redis-based synchronization service bridging ClickHouse and MySQL, improving offline-first data consistency and reducing sync-related discrepancies.

CONTACT

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📍 Winterhuder Weg 49,
Hamburg, Germany

SKILLS

JavaScript

TypeScript

React.js

Node.js

PostgreSQL

Docker

Git

GitHub Actions

EDUCATION

Bachelor's in Software Engineering

Astana IT University

Languages

English

Fluent

German

Basic

Russian

Native

Kazakh

Native