



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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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