

Abdugani Toshmukhamedov

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Socials: [LinkedIn](#), [GitHub](#), [Personal website](#)

Profile

Software engineer with over 3 years of commercial experience.

Experience

LEAD SOFTWARE ENGINEER, PROGRESS SOLUTIONS TECH. – 04/2025 - PRESENT

- Managed the backend team through code reviews, provided technical direction, and maintained code quality.
- Designed system architecture and data models.
- Managed CI/CD toolchain and introduced caching, achieving ~1.5x faster builds.

SOFTWARE ENGINEER, ABUTECH – 08/2022 - 03/2025

- Built an educational ERP system used by [Robbit](#) and [Najot Ta'lim](#)
 - designed system architecture and modeled relational database
 - implemented access control using combined RBAC and ABAC for the admin panel
 - developed core features for academic management, including assignments, exams, attendance, scoring, and scheduling
 - implemented gamification features and reward systems for students
 - developed financial modules for managing student payments and academic salaries.
 - implemented dashboards for academics and a student rating system
- Built [Edfix](#) – an online educational platform
 - developed core features for a course-based platform with modules, lessons, and streaming support
 - implemented gamification system rewarding students for engagement like watching lessons and completing homework
 - enabled interactive module-level discussions through a built-in chat system
 - developed student rating and admin-facing statistics dashboards
 - integrated payments, including installment plans, promo codes, and discounts
 - implemented role-based access control
- Proposed and led the migration to a [monorepo](#), resulting in a ~50% overall boost in team productivity through improved collaboration, streamlined dependency management, and easier code sharing.

BACKEND DEVELOPER, PERFECT SYSTEM SOLUTIONS – 04/2022 - 07/2022

- Contributed to the backend development of [UCIN \(KATM\)](#). Learned the technologies used in the existing stack and applied them in practice.

Knowledge

- Programming languages: Javascript, Typescript, Rust
- Technologies: Node.js, PostgreSQL, Docker, Redis, RabbitMQ
- Frameworks: Nest.js, Express, React, Svelte, Tauri
- Tools: Linux, Git, GitLab CI, GitHub Actions

Languages

English - B2, Russian - A1, Uzbek - native