

# Rustam Ashurmatov

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## EXPERIENCE

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### VBRATO

May 2023 - Present

*Software Engineer - Full-time*

*Remote, US*

- Architected and shipped serverless AWS backend across 18+ services (APIs, auth, and data processing workflows)
- Rebuilt core artist-metrics pipeline for 1M+ artists and 100M+ metrics, reducing end-to-end processing time from 9 days to 7 hours (30x)
- Designed and launched an in-house real-time messaging service, replacing a third-party provider and cutting vendor cost
- Led end-to-end delivery of a Next.js web application from architecture through deployment

### GeoAlert LLC

Dec 2022 - June 2023

*Software Engineer - Frontend, Full-time*

*Tashkent, UZ*

- Integrated Keycloak SSO into a Next.js application and migrated users with zero downtime
- Delivered a corporate dashboard in Next.js to improve enterprise operational visibility

### Livereach

Nov 2021 - January 2023

*Software Engineer - Frontend, Part-time*

*Remote, DE*

- Led Angular to React migration with full feature parity and zero user disruption
- Authored lightweight state-manager, trimming JS bundle by 10% and simplifying data flow between components
- Automated private npm registry publishing across environments on AWS, removing manual release overhead

### Moishlem

Aug 2020 - Oct 2021

*Software Engineer - Backend, Part-time*

*Remote, RU*

- Integrated bank APIs into a serverless backend to support recurring transactions
- Redesigned PostgreSQL schema to consolidate two backends, improving data consistency and developer productivity
- Built an admin dashboard in React that improved support and operations workflows.

### Hitide

Dec 2020 - Feb 2021

*Software Engineer - Maintainer, Part-time*

*Remote, RU*

- Automated product, order, and payment workflows, reducing manual operational work for engineering and support

## PERSONAL PROJECTS

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### LeTUI | *Rust, TypeScript*

2025

- Built a performant TUI library from scratch (Rust core + TypeScript API via Bun FFI) with minimal dependencies
- Implemented component APIs, signals powered reactive state primitives, and diff-based rendering targeting sub-1ms terminal UI response times

### Xport | *Next.js, PostgreSQL, Railway, TypeScript*

2025

- Built and shipped a web app to fetch and export X/Twitter threads, posts, and articles in Markdown and more
- Implemented resilient background-job processing for export workflows

## EDUCATION

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### Tashkent University of Information Technologies

Tashkent, UZ

*Bachelor of Science in Software Engineering; GPA: 4.57/5*

*Aug. 2019 - July. 2023*

## TECHNICAL SKILLS

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**Languages:** Typescript, JavaScript, Go, Python, SQL, Rust

**Frontend:** React, Next.js, Playwright, TanStack

**Backend:** Bun, Node.js, NestJS, Fastify, Echo

**Cloud and others:** AWS, Docker, Git, Linux, Stripe

**AI tools:** Prompt/context engineering, Agents