

Jahongir Tulforov

Senior Software Engineer

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PROFILE

Senior software engineer with 7+ years of experience, focused on backend systems for referrals, rewards and notifications. Combines hands-on implementation with technical design and cross-team delivery. Earlier experience includes Solana wallets and SDKs, mobile development and consumer frontend applications.

EXPERIENCE

Tools for Humanity

Munich, Germany

Technology company building World App and World ID.

Senior Software Engineer II

Apr 2026 – Present

Senior Software Engineer

Dec 2023 – Apr 2026

- Primary backend owner for Growth systems, leading technical design and coordinating delivery with product, mobile, platform, risk and World Foundation teams.
- Owned referral and incentive systems processing around 35,000 reward payouts per day in 2025 (400k+ WLD per day), supporting multiple verification paths, country-specific programs and reward experiments.
- Led Notification Center architecture and rollout, defined backend APIs, and built a shared sender for its persistent notification feed. Coordinated mobile and lifecycle integration and built reusable campaign infrastructure. Around 100 million notifications per month.
- Designed affiliate reward accounting covering virtual balances, KYC/KYB verification and on-demand withdrawals.

Technologies: Worldchain · Braze · TypeScript · NestJS · AWS

Ottr Finance

Solana-based crypto wallet; acquired by Tools for Humanity in 2024.

Full-Stack Engineer

Jan 2023 – Nov 2023

- Built wallet invite, referral, and contact-discovery flows across mobile and backend, matching imported contacts with existing Ottr users.
- Built NFT support for the wallet and contributed to transaction history.

Technologies: Solana · React Native · TypeScript · NestJS

EXPERIENCE / CONTINUED

P2P.org / Lido

At P2P.org, worked on Lido's Solana liquid-staking product.

Senior Frontend Engineer

Feb 2022 – Dec 2022

- Migrated solana.lido.fi from JavaScript to TypeScript and removed unused code and redundant files.
- Main contributor to the Solido SDK for partner integrations with Lido on Solana.

Technologies: Solana · TypeScript · React

Mail.ru Mail · now part of VK

A leading email service in the Russian-speaking market, with a mature consumer-product platform.

Frontend Developer

Sep 2019 – Feb 2022

- Rebuilt the legacy account.mail.ru host application, reducing maintenance overhead and accelerating feature delivery.
- Integrated pre-registration into Mail.ru Mail and contributed to id.mail.ru / VK ID.
- Migrated react-intl from v2 to v5 across 30+ Mail.ru repositories.

Technologies: React · TypeScript · react-intl

TECHNICAL SKILLS

Backend development: TypeScript · Node.js · NestJS · API design · GraphQL · Asynchronous processing

Databases and data stores: PostgreSQL · DynamoDB · Redis

AWS services and tooling: AWS Lambda · Amazon S3 · Amazon API Gateway · AWS CDK

Frontend, mobile and SDKs: React · Next.js · React Native · SDK development · Internationalization

Monitoring: Datadog

Product experience: Referrals and rewards; notifications; affiliate reward workflows; Solana wallets and liquid-staking integrations; account and registration features.

EDUCATION

Bauman Moscow State Technical University

2018 – 2020

M.S., Information Systems and Technologies · Graduated with honors

Mail.ru Group Technopark at BMSTU

2018 – 2020

System Architecture / Software Development program

Tajik Technical University

2014 – 2018

B.S., Information and Communication Technologies · Graduated with honors

LANGUAGES

English (fluent) · Russian (fluent) · German (beginner) · Tajik (native)