



Peter Tolkachev

Full Stack developer · Tech lead

FULL-STACK ENGINEER · TECH LEAD · FEATURE TOGGLES · FINTECH

Russia · Remote

tolkachev.space · Telegram @PeterTolkachev · LinkedIn · GitHub · Habr Career

01 SUMMARY

Lead full-stack engineer and tech lead, 7+ years in software development with a focus on fintech and banking. At Alfa-Bank I lead the feature-toggle direction at bank scale; at IT_One I developed the Unleash platform as engineer and tech lead. Cut production incidents by ~25% and release time by ~30% with feature flags, lifted user satisfaction by ~15% via A/B tests, and sped up the HSE portal (40,000+ users) from 30 seconds to 1.

02 KEY ACHIEVEMENTS

–25%

production incidents: instant rollback via a feature toggle

–30%

deploy time: Unleash wired into the CI/CD pipeline

+15%

user satisfaction: an A/B testing system on feature flags

HSE portal data load: 30 seconds down to 1

03 SKILLS

FRONTEND	React · Vue.js · TypeScript · JavaScript · Material-UI · Redux · Vite · Webpack · HTML · CSS BEM · Axios · lodash · Jest · ESLint
BACKEND	Node.js · Express.js · GraphQL · RESTful API · Knex.js · PostgreSQL · MongoDB · Swagger · WebSocket · SSE · Helmet · OOP
DEVOPS	Docker · Git · TeamCity · Nexus · Unleash · Backstage · Sentry · CI/CD

04 EXPERIENCE

Alfa-Bank

2024 – present

Lead full-stack engineer · tech lead, Feature Toggles · Moscow

I own feature-management practice at bank scale: how dozens of product teams ship, test and roll back functionality safely. I work as both engineer and technical lead of the direction.

- Lead the Feature Toggles direction: set the standards for working with features, advise product teams, and make the practice scale across the whole bank instead of staying one team’s tool.
- Built an A/B testing system on top of feature flags so product hypotheses are checked against data; internal metrics showed user satisfaction up about 15%.
- Integrated toggle management into the CI/CD pipeline: rollouts became automatic and the average time to ship a feature to production fell about 30%.
- Cut production incidents about 25% by making rollback instant: flip a toggle instead of redeploying or writing a late-night hotfix.

TypeScript

Node.js

React

Unleash

Backstage

CI/CD

A/B testing

TeamCity

Nexus

PostgreSQL

IT_One

Aug 2023 – 2024

Full-stack engineer · tech lead, Unleash platform · Moscow

Developed and extended Unleash, a feature-flag management platform, as engineer and technical lead. This is where feature toggles went from a single technique to my engineering specialisation.

- Extended the core of the Unleash feature-flag platform: gradual-rollout strategies, audience segmentation, stability and performance as the number of flags and clients grew.
- Designed architecture and led the team as tech lead: task decomposition, code review, shared standards and developer mentoring.
- Built A/B testing infrastructure on top of flags: deterministic user bucketing, event collection and a "variant to metric" link.

TypeScript

Node.js

Express.js

React

Unleash

TeamCity

Nexus

PostgreSQL

Knex.js

CI/CD

HSE University

Sep 2020 – Aug 2023

Middle Full Stack Developer · Moscow

Built portal systems for HSE University, one of the most technology-forward universities in the country, used daily by 40,000+ students and staff. Full-stack work spanning Node.js backend services and Vue SPAs.

- Cut data-load time in a key project from 30 seconds to 1 by optimising database queries, server logic and rendering.
- Rewrote projects from JavaScript/Perl to TypeScript and introduced typing and shared code standards.
- Improved Node.js backend services (Express, Koa): file service, mail delivery, person sync; migrated from WebSocket to SSE.

React

Vue.js

Nuxt.js

Node.js

TypeScript

Docker

SSE

WebSocket

Swagger

Express.js

Potok.io / TalentTech

Jul 2019 – Nov 2020

Frontend developer · Moscow

Built an employee survey and engagement system inside the TalentTech HR platform, a product for assessing corporate culture.

- Built interactive Chart.js dashboards for HR metrics that managers used to make data-driven decisions.
- Introduced i18n with automatic translation validation, which opened the product to international markets.

Vue.js

TypeScript

Chart.js

Vuetify

Nuxt.js

Vuex

Jest

Sentry

Lomonosov MSU

Nov 2018 – Oct 2020

Junior research fellow · Moscow

Research and teaching; work on a dissertation at the intersection of the digital economy and entrepreneurship.

Digital economy

Platforms

Publications

Teaching

Ladya Retail Centre

Sep 2014 – Oct 2020

Business development director · Moscow

Grew a district retail centre, moving from administrator to development director. This is where I first moved into the web.

Tilda

Wix

Yandex.Direct

Google Ads

SEO

HTML

CSS

05 EDUCATION

Lomonosov MSU

2016 – 2021

Postgraduate study and research: teaching, academic publications, dissertation work at the intersection of the digital economy and entrepreneurship.

06 SELECTED PROJECTS

Pac-Man

React · TypeScript · Canvas · Redux

Real-time web chat

TypeScript · WebSocket · MVC

Mesto

JavaScript · CSS BEM · OOP