

Timofei Utkin

Languages: English - fluent, Russian - native,
Japanese - work-proficiency (JLPT N1)
Nationality: Russian
Resides: Tokyo, Japan
Current Visa: valid until October 2026



Education:
2015 – 2019
Kazan Federal University (ITIS), Russia
B.Sc., Program Engineering

Technical Skills:

- Main programming languages: TypeScript (Node.js), Python (Django, FastAPI, uv stack), React (Next.js), Vue.js
- Secondary Programming Languages: Java, Ruby, Go
- Early adopter and active user of Cursor & Claude Code

AWS Certifications:



Summary:

- ~6 years in web-development
- 1 year in test automation

Career History:

Medcom (Jan 2025 ~ // 1 year)

Software engineer | Assistant Engineering Manager

Worked on major project refactoring (reduced codebase by 30% and launch time by 4 times), and introduced automatic testing infrastructure. Created an AI research agent to streamline issues triage for support. That included agent memory enrichment, creating safe access patterns, etc...

Also assisted in managing and mentoring Junior devs.

- **Stack:** TypeScript, Vite+React, MySQL (RDS), AWS Serverless Stack

Mantra Inc. (Dec 2024 ~ // 1 year)

Freelancer (Product engineer)

Assisting in development of new features and setting up better and more efficient development flows for other freelancing devs (Cursor rules and context setup within a project, error handling and reporting revamp, introducing automated tests, AI-integrated automated flows, etc..)

- **Stack:** TypeScript, Python/Django, Vue.js, MySQL, Sentry, GraphQL

Integrate.io (Jan 2022 ~ Nov 2024 // ~3 years)

Software engineer

Worked on developing various services within several projects. (Mainly ELT-ETL and CDC solutions). Investigating and solving customer issues, implementing new features (from gathering requirements from the *stakeholders* and making UX designs, to implementing the backend and frontend changes and creating documentation), doing PR reviews, creating a knowledge base and implementing new practices within the team. (Due to the project and the team being relatively small and new). Side note: as this is a data integration product, had a lot of hands-on experience with different CRMs, Data Warehouses, Databases, etc..(Salesforce, Adobe Analytics, Netsuite....Snowflake, Redshift, BigQuery...etc)

- **Stack:**

- Programming language(s): TypeScript/Node.js, Python/Django, Vue.js, Ruby
- Database(s): PostgreSQL, Timescale
- CI/CD: Docker, Github Actions/Workflows/Co-pilot, Nomad/Consul
- Logging: Sentry, Datadog
- Others: Figma, Retool, AWS stack (mainly: S3, Redshift, Glue+Athena)

ヒューマンリソシア株式会社(Oct 2019 - Jan 2022 // ~2 years)

Dispatched projects(派遣社員):

Software engineer@テクノサポートカンパニー (~4 months)

Developed a program for RaspberryPi from the ground up for seamless switching between old and new air conditioning control unit systems. It was positioned between the ACU (on a socket level) and the old control system, it also included a small online interface for selecting areas of responsibilities between the old/new system (between the units).

- **Stack:** TypeScript+Node.js, Express.js, Socket.IO, MySQL

Backend developer@ZeroSpec (~1 year)

Worked on new feature development of the BtoB IoT product which helped kerosene refueling truck drivers to have up-to-date information regarding the status of fuel tanks and help providers to optimize operations.

- **Stack:** TypeScript+Node.js, DynamoDB, PostgreSQL, EC2, S3, IAM

Backend developer@PCI Solutions (~3 months)

Worked on designing and implementing a serverless application on AWS stack for communicating with the blockchain platform.

- **Stack:** TypeScript+Node.js, DynamoDB, SQS, SNS, Kinesis, Lambda, API Gateway, Cloudwatch, EventBridge

Software Engineer@Hitachi (~6 months)

Took part in developing a blockchain IoT related project. Responsibilities included designing and implementing features in Node.js, Vue.js, and Go (for the interaction with the blockchain).

- **Stack:** TypeScript+Node.js, Vue.js, Go, HyperLedger Fabric

Places of work in Russia (working full-time while being a student):

MERA(Nov 2018 - May 2019 // 7 months)

Automation Engineer

Worked on implementing test scenarios and development of the test automation system.

- **Stack:** TypeScript+Node.js, Selenium, Jenkins, PostgreSQL

CloudAlly (Jun 2018 - Sep 2018 // 4 months)

Automation Engineer & Software Engineer

Worked on QA Assurance of the project, writing automated tests with further transition into development of the test automation module. Worked on creation of a testing unit for cloud backup services.

- **Stack:** Java, Spring, JUnit, Selenium, MongoDB