

# Nikolai Dorofeev

## Backend Developer

IT specialist with experience in **Node.js ecosystem**. Created REST API with **Express.js**, data access layer with **TypeORM** and server application with **trRPC API**.

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📍 [Tbilisi, Georgia](#)

## Work Experience

### Full-stack Developer [Exactpro \(Georgia\)](#)

Jul 2022 - Present (1 year 3 months)

- Led development of an easy-to-deploy and easy-to-update docs web toolkit package based on Nuxt.js and Tailwind CSS.
- Contributed to 50+ Vue.js components.
- Integrated applications with 3+ 3rd party solutions such as GitHub or Algolia using REST API.
- Analyzed 30+ user requirements to derive technical software design and performance requirements.
- Developed #1 architecture for providing traceability of digital assets between blockchains for Swift Hackathon 2022.
- Configured 10+ CI/CD pipelines for publishing static websites and npm packages via GitHub actions, GitLab CI.
- Mentored junior specialists and technical writers.

### Full-stack Developer [Exactpro](#)

Jul 2021 - Jul 2022 (1 year 1 month)

- Developed a custom documentation portal with 7+ features for technical writers using Gridsome (Vue.js + GraphQL).
- Integrated applications with 3+ 3rd party solutions such as GitHub or Algolia.
- Analyzed 30+ user requirements to derive technical software design and performance requirements.
- Developed 10+ demonstration Python and Kotlin modules for th2 - complex Kubernetes-based microservices framework with gRPC and RabbitMQ communication.
- Wrote 30+ clear and easy-to-understand documentation pages for complex Kubernetes-based - microservices framework.
- Configured 10+ CI/CD pipelines for building and publishing static websites via GitHub actions and Jenkins.

### Full-stack Developer (Front-end heavy) [WebSphere](#)

Feb 2018 - Apr 2021 (3 years 3 months)

- Implemented frontend architectures, utilizing Vue.js, to create scalable and modular web applications with 100+ components in total. Utilized Vuex for state management.
- Ensured seamless user experiences across various devices, optimizing applications for desktops, tablets, and mobile devices.
- Contributed to 50+ REST API endpoints using Express.js, Fastify.
- Set up 70+ features integrations between the frontend and backend systems.
- Collaborated closely with UI/UX designers to transform wireframes into user-friendly interfaces.
- Wrote 200+ unit tests to verify the functionality of user interfaces, back-end processing, connectivity, and relational database interactions.

## Languages

- English: Upper-Intermediate
- Russian: Native

## Skills

TypeScript

JavaScript

Python

Java

C#

Node.js

Sequelize

TypeORM

Express

Fastify

PostgreSQL

MS SQL

MongoDB

Cassandra

Firebase

REST

GraphQL

SOAP

gRPC

Docker

Kubernetes

GitHub actions

GitLab CI

Unix

UML

Microservices

MVC

Feature Sliced Design

Database Design

## Projects

- [tradeb0t](#): 🤖 Trading software with high integration possibilities
- [tweetst0rm](#): 🌩️ Simple app that uses GPT-3 for generating tweets.

## Certificates

- Enterprise Patterns ([foxminded.ua](#), May 2023): Course Page, Certificate, Verify Certificate
- Architecting With Google Kubernetes Engine ([Coursera](#), Oct 2021): Certificate
- Fundamentals Of Digital Marketing ([Google Digital Garage](#), Jul 2021): Certificate

## Education

**Bachelor of Science - BS, Information Systems and Technologies in Business**  
Tomsk Polytechnic University

Sep 2018 - Jul 2022 (3 years 11 months)

This program is aimed at training specialists in the field of information systems and technologies in business, who are able to solve problems of business management and economic activity using modern information technologies and systems. Projects were related to the development of e-commerce systems and integration with ERP systems.

Main learning stack: ASP.NET + MS SQL.

However, students was free to choose any technology stack for their projects.

Used technologies: Node.js, Python Flask, Vue.js, Nuxt.js, MongoDB, PostgreSQL, Firebase, Docker, etc.

Diploma project: distributed full-stack framework for trading automation implemented with Node.js and Vue.js.