

# Curriculum vitae

## Personal data

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**Name:** Nikolay T.

### Technical Knowledge and Skills

Javascript, Express.js, TypeScript, Node.js, React, Rest API, GraphQL



An ambitious web developer, who likes traveling and wants to join a team of like-minded developers. A good experience to create applications with microservices architectures, high-load systems. Having more than three years of work experience in a variety of commercial projects and more than 5 years in startups. Technically competent and industry aware, self-motivated, goal-oriented, quickly adapt to new technologies and open to learning them.

## Education

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September 2018 –  
May 2020

Germany  
Master's degree, Information Technology, Rostock  
University

September 2018 –  
May 2020

Russian Federation  
Master's degree, Business Information Systems, ITMO  
University

September 2014 –  
May 2020

Russian Federation  
Bachelor's degree, Information Systems and Technologies,  
ITMO University

## Work experience

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September 2019 -  
Present

**Internet Publishing Company**  
CTO / Team Lead / Lead developer

**Stack:**

- Node.js,
- React,
- Vue,
- SQL,
- Express,
- MongoDB,
- PostgreSQL,
- Redis,
- RebbitMQ,
- Redux Toolkit,
- Redux-Saga,
- K8s,
- Gitlab,
- CI/CD,
- Nexus,
- MaterialUI.

**Responsibilities:**

- Participated in 3 big projects;
- Designed database and system architecture of Front-end and Back-end parts;
- Managed a team of 17 developers (Agile/Scrum, tech backlog in Jira);
- Developed the strategy of product development (tech and product roadmaps, planning, and design features);
- Developed new micro-frontends;
- Managed a Front-end Russian team.

May 2018 -  
December 2018

**IT Services and IT Consulting Company**  
Lead developer

**Stack:**

- Node.js,
- Express,
- JWT,

- PostgreSQL,
- MongoDB,
- Redis,
- Axios,
- Vue,
- Vuex.

**Responsibilities:**

- Designed a micro-services system and database architectures;
- Development of complex components;
- Managed a development team;
- Code refactoring.

February 2018 -  
September 2019

**IT System Integration Company**  
Senior Web Developer

**Stack:**

- Python,
- Spark,
- Node.js,
- Dojo,
- Angular 2,
- Chart.js,
- Bootstrap,
- Vue,
- Vuex,
- KendoUI.

**Responsibilities:**

- Worked as part of the Finnish team, developed a big data analysis system;
- Refinement and refactored of existing components;
- Took part in the development of the system, offered technical solutions for automating the data analysis process;
- Developed tools for data scientists;
- Built a system for analyzing Internet traffic;
- Developed a customer's process automation application;



- Designed the architecture of the client side.

November 2017 -  
May 2018

## **Technological and Business Processes Automation Company**

Lead developer

### **Stack:**

- Node.js,
- Express.js,
- Sequelize,
- MongoDB,
- MySQL,
- Redis,
- Angular 5,
- MaterializeCSS,
- Webpack.

### **Responsibilities:**

- Web application development according to customer requirements;
- Designed client-server and database architectures.

March 2017 -  
June 2017

## **Internet Information and Educational Company**

Web developer

### **Stack:**

- PHP,
- Kohana,
- DAO,
- Memcached,
- MySQL,
- MongoDB,
- Redis framework,
- CSS,
- Webpack.

### **Responsibilities:**

- Built a web application that allows conducting



- interactive presentations, workshops, and meetings;
- Developed the application for internal use by the customer.

February 2016 -  
November 2017

**Internet Entertainment Resources Company**  
Lead developer

**Stack:**

- PHP,
- Kohana,
- DAO,
- Memcached,
- MySQL,
- MongoDB,
- Redis,
- CSS,
- Webpack,
- Websockets.

**Responsibilities:**

- Led the development of the system;
- Distributed tasks between team members;
- Engaged in full-stack development.

## Portfolio

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### IT Company

April 2022 - June 2022

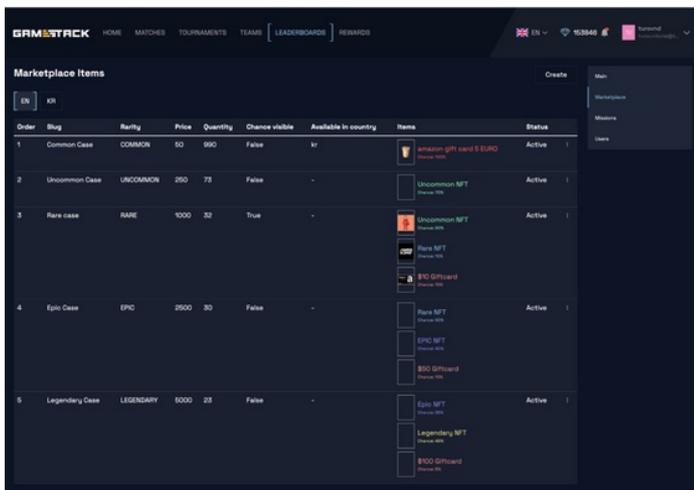
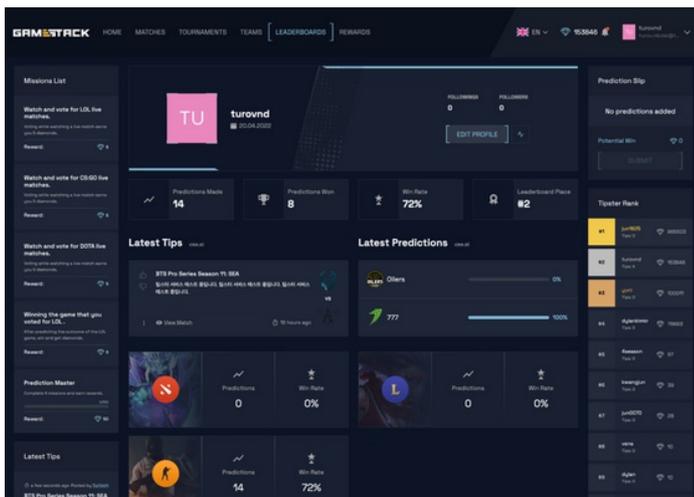
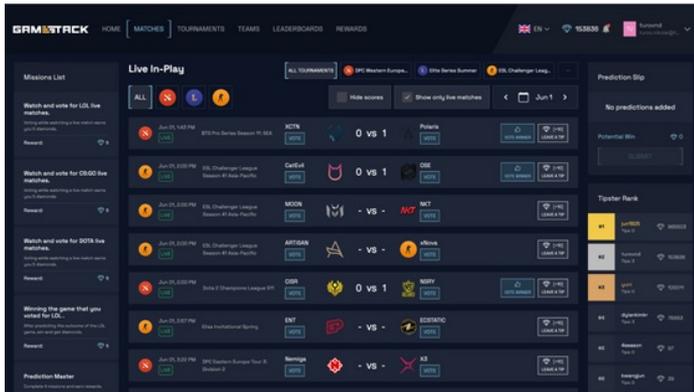
**Description:**

I was a Front-end engineer in a team of SQL Editor. My responsibilities:

- Added Storybook for SQL Editor, coverage storybook with Cypress tests, setup Github Actions for running tests on pull requests;
- Added rules for highlighting errors and warnings on SQL queries to Syntax Worker;
- Added shortcuts for executing Active Statement in the query execution;
- Added a clear button to an error message of SQL execution, that reset the statement of execution.

Technologies used:

React, Node.js, Javascript, Vue.js, TypeScript, Git, Python



IT Services and Consulting Company



### **Description:**

I was a Full-Stack Developer and developed the service for watching eSports matches. The functional that was implemented by me:

- Watch eSport matches with real-time receiving updates, make predictions of winners of a match and leave a tip for other users about the match;
- Watch tournaments and teams list and details about a them;
- Authentication process using Auth0;
- Rewards activities by completing daily missions and marketplace with gift card reward;
- Backoffice for managing users, marketplace and missions, diamonds amount for tasks;
- Built a user profile page with activities history, notifications and statistics;
- Created a leaderboard page.

Technologies used:

MongoDB, React, Rest API

## **IT Systems Integration Company**

October 2019 - February 2022

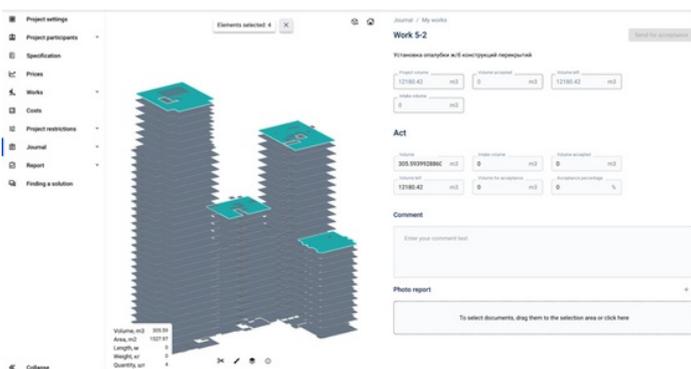
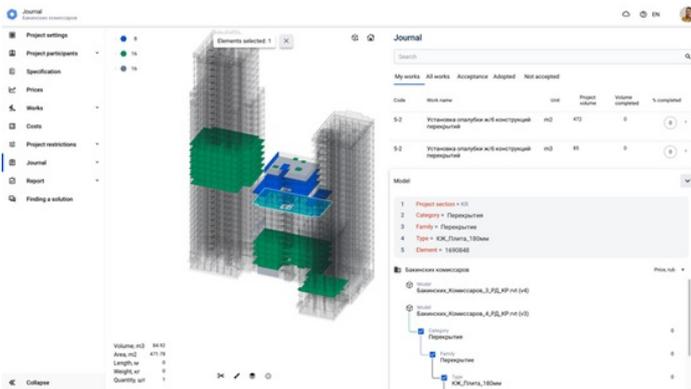
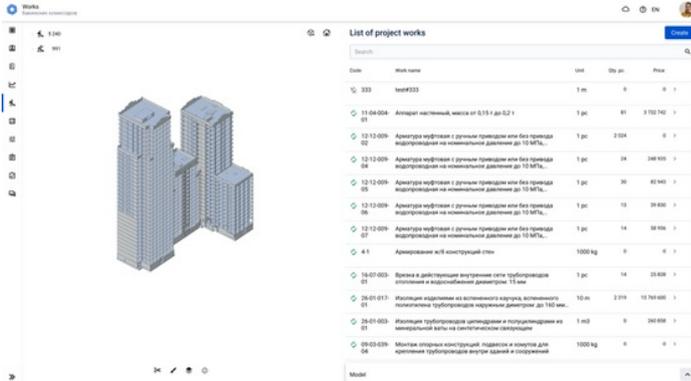
### **Description:**

I was working as a Front-end Engineer in this company for 2+ years in a team of Russian developers. The Front-end has lots of microservices that run when some route is opened. The functional that was implemented by me:

- Micro frontends for budgeting services:
  - Budget planning - statistics of budget between activities that organization planning on specific year;
  - Budget allocation - split budget between organization departments and activities they have;
  - Spend budget - statistics of spend budget between organization departments and activities;
- Micro frontend for customizable export - create a custom template for exporting data in XLXS by configuring lists, columns and data;
- Micro frontend for libraries - configure a custom layout, create a library item with custom data and share it with users in the platform;
- Added custom widgets for integration with Microsoft Teams, Video Iframe.

Technologies used:

## React, GraphQL



## IT Construction Company October 2019 - February 2022

### Description:

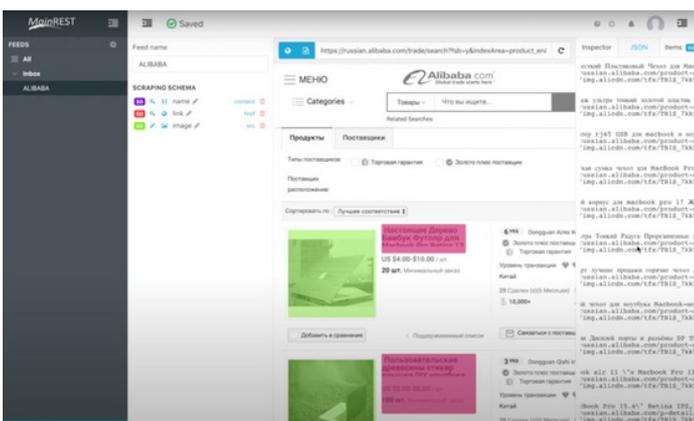
I took part in the development of a digital construction platform based on BIM technologies. It has a 3D Viewer that shows buildings and modules that are used for estimation prices and deadlines of construction, assigned work to contractors and controls the construction process. The project started with CEO and me. I created a MVP of the product in 2 months. We found investor for the project and scaled the development team up to 15 developers. The platform has

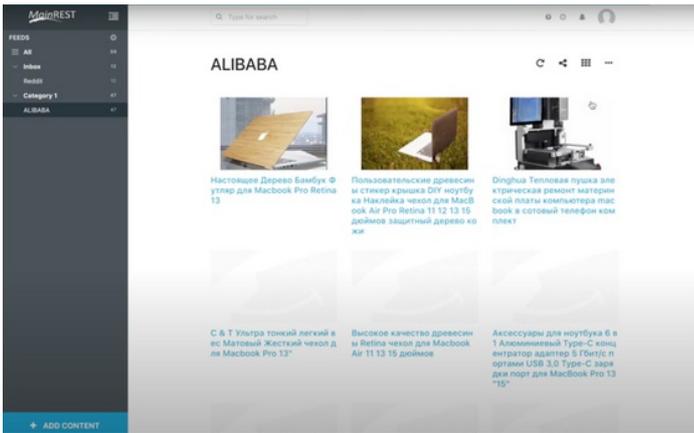
microservices architecture that was designed by me. Each service has its own Docker image and is deployed to Kubernetes. In this project I have lots of responsibilities and they changed during the platform development:

- As a Tech Lead:
  - Designed architecture of the frontend and backend;
  - Designed architecture of DB;
  - Designed the user workflow of system usage;
- As a Team Lead:
  - Managed a team of 15 developers (mobile, frontend, backend, devops, design);
  - I was a scrum master using Jira, Confluence;
  - Interviewed candidates for the development team;
- As a CTO:
  - Developed a strategy of product development;
  - Designed product roadmaps and releases;
  - Accepted new features in design;
  - Transformed business requirements to technical backlog;
  - Organized the development process and monitored results;

Technologies used:

Node.js, Express.js, MongoDB, PostgreSQL, RabbitMQ, React, CI/CD





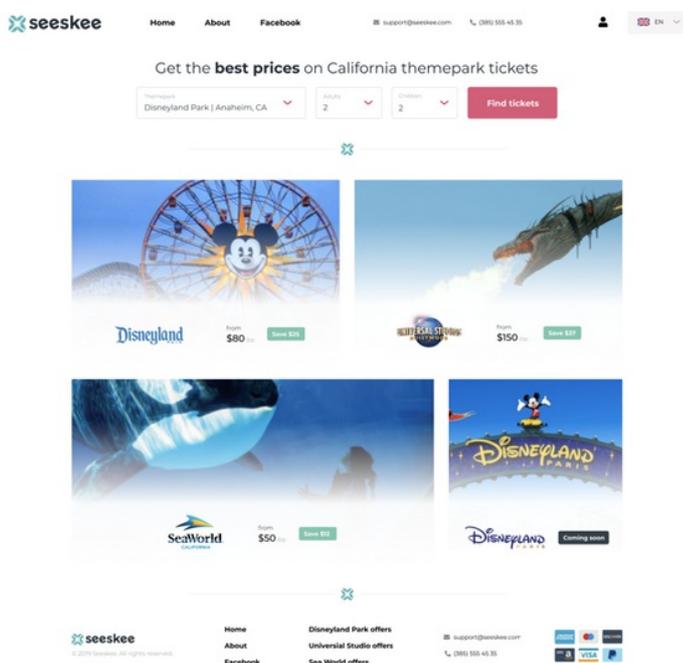
## IT Services and IT Consulting Company May 2018 - December 2018

### Description:

Worked on a data collection and analysis platform. I designed micro-service and database architectures, managed a team of developers, and helped to develop a workflow with different tools for data extraction from web pages, data transformation, and data analysis.

### Technologies used:

Node.js, Express.js, PostgreSQL, MongoDB, Vue.js



Select tickets Secure Checkout Confirmation

### Seaworld California

Los Angeles, CA

Pellentesque solenitque mi ac elit tristique placerat. Nunc a turpis eu libero facilisis dignissem sed vehicula orci. Nunc interdum pellentesque urna, ut malesuada mauris non pellentesque. Nunc sapien, conatus et velit non efficitur disibus ex. Nunc nec maximus enim, Nullam commodo sit amet urna non sagittis. [More](#)

Dining options available  2 theme parks in 1 ticket



TICKET TYPE  
**1-Day, SeaWorld Ticket with All-Day Dining Includes Food and Drinks**  
 23 Sep 2019  
 3 Guests

x2 Adult ticket	\$80/ticket
x1 Children tickets	\$65/ticket
<b>Subtotal</b>	<b>\$225</b>

[Book Now](#)

### Who is coming?

Any children younger than 3 years are free, and do not need a ticket!

Adults  Children

### Which ticket type?

**1-Day, SeaWorld Ticket with All-Day Dining Includes Food and Drinks**  
 Eat FREE all day when you visit SeaWorld's Lost Origin Cost admission plus All-Day Dining for one location.

	\$80 (adult)	\$65 (child)
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All-Day Dining includes Food and Drinks

Select tickets Secure Checkout Confirmation

### Disneyland park

Anaheim, CA

Printed or mobile voucher accepted  Ticket confirmation within 48 hours  Cancellation policy (hold now, pay later)

### Lead Traveler (adult)

Wayne Murray

### Traveler 2 (adult)

Amy Murray

### Traveler 3 (child)

Enter first name Enter last name

TICKET TYPE  
**2-Day, One Park Per Day Ticket**  
 Date: 23 Sep 2019

Guests:  
 Total for 3 adults **\$350**  
 Total for 4 children **\$775**  
 Taxes & Fees **Included**

Payment details:  
 Hold on 19 Sep, 2019 **\$725**  
 Hold on 23 Sep, 2019 **\$725**

By completing this booking you are agreeing to the [Terms of Service and Privacy Policy](#)

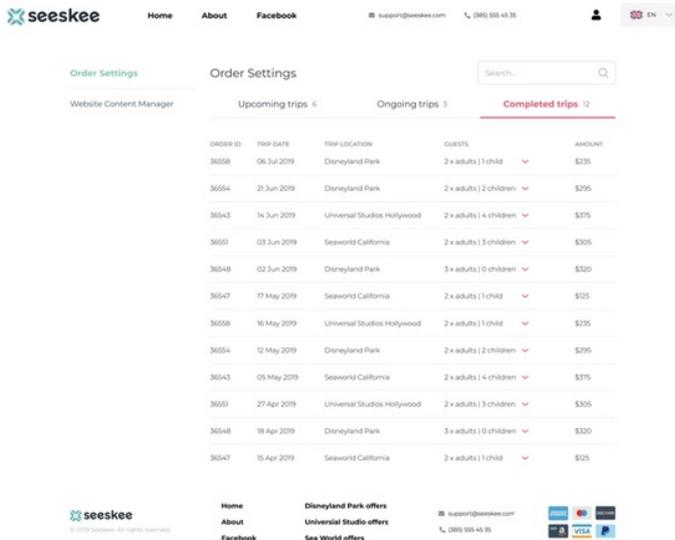
We use SSL encryption to keep your data secure

[Order Tickets](#)

### Payment information

Pay \$725 with credit card  Pay \$725 with PayPal

CVC or CVV is the card security code, unique three digit number on the back of your card separate from its number



The screenshot shows the 'Completed trips' section of the seeskee website. It features a table with columns for ORDER ID, TRIP DATE, TRIP LOCATION, GUESTS, and AMOUNT. The table lists 12 completed trips with details such as dates, locations (Disneyland Park, Universal Studios Hollywood, Seaworld California), guest counts, and amounts.

ORDER ID	TRIP DATE	TRIP LOCATION	GUESTS	AMOUNT
36558	06 Jul 2019	Disneyland Park	2 x adults   1 child	\$235
36554	23 Jun 2019	Disneyland Park	2 x adults   2 children	\$295
36543	14 Jun 2019	Universal Studios Hollywood	2 x adults   4 children	\$375
36551	03 Jun 2019	Seaworld California	2 x adults   3 children	\$305
36548	02 Jun 2019	Disneyland Park	3 x adults   0 children	\$320
36547	17 May 2019	Seaworld California	2 x adults   1 child	\$125
36558	16 May 2019	Universal Studios Hollywood	2 x adults   1 child	\$235
36554	12 May 2019	Disneyland Park	2 x adults   2 children	\$295
36543	05 May 2019	Seaworld California	2 x adults   4 children	\$375
36551	27 Apr 2019	Universal Studios Hollywood	2 x adults   3 children	\$305
36548	18 Apr 2019	Disneyland Park	3 x adults   0 children	\$320
36547	15 Apr 2019	Seaworld California	2 x adults   1 child	\$125

## Online Freelance Agency April 2018 - September 2019

### Description:

I worked on several projects as a freelancer.

The first was a Front-end position for building a site based on customer's designs and features:

- Added PWA, push notifications for working with site without internet;
- Created reusable components for Survey and Quiz.

The second was a system of a fully functional platform for selling tickets to Disneyland Parks. The system has a landing with available parks, each park has a description page, users can select tickets, make a payment (via Cloud Payment) and receive confirmation by email (via Mandrill). The admin sees all trips that were created, can confirm or decline it (if decline the money withdrawing). The user can see all his trips, download tickets and receive receipts.

Technologies used:

Vue.js, Node.js, Express.js, MongoDB, Javascript, Git

## IT System Custom Software Development Company February 2018 - September 2019

### Description:

I worked as an outstaff software developer in several projects.



The first was a platform for analyzing Internet traffic. I worked as a Front-end developer and developed a statistics page with charts and tables using Angular 2, Chart.js, Bootstrap.

The second was a big data analysis system. I was a Front-end developer in a Finnish team. I developed custom components and pages using the Dojo framework. I offered technical solutions for automating the data analysis process, developed tools for data scientists, and executed python/spark scripts in Hadoop.

The third was a system for customer's process automation applications. I designed the architecture of the client side using Vue, Vuex, KendoUI.

Technologies used:

Node.js, Python, Angular, Vue.js, MongoDB, Javascript

## Technological and Business Processes Automation Company

November 2017 - May 2018

### **Description:**

I developed a system for scraping ICO projects from different sources, joining and transforming data from them and making data analytics. We worked with the ICORating company and provided our system to them for solving their needs.

Technologies used:

Node.js, Express.js, MongoDB, MySQL, Angular