

Maslov Nikita Dmitrievich



Date of birth: 25.03.1998 (24 years old)
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Citizenship: Russia

Residence: Saint-Petersburg

Education

Bachelor's degree
University
Saint Petersburg Electrotechnical University
Specialization
Design and technology of radio electronic tools

Master's degree
University
Saint Petersburg Electrotechnical University
Specialization
Software Engineering

Additional
Platform
Yandex practicum
Specialization
Data-scientist specialist

Experience

Job periods

09.2018 – 09.2021	Position	Private math and physic tutor
03.2019 – 06.2019	Employer Position	Research and Production Association «IMPULSE» Design engineer
17.08.2020 – now	Employer Position	LLC «ForaSoft» Software developer

Additional

English B2;
Spanish A1;
Program Languages: JS/TS, C#+ASP.net, C/C++, Python, bash;
Frontend: HTML, CSS, SASS, React, Redux, Next.js, Mediasoup;

Backend: Node.js, Express, Mongoose, Socket.io, RabbitMQ, Mediasoup;
 Databases: MongoDB, SQL, PostgreSQL;
 Deployment: Docker, gitlab-CI/CD, runners;
 External Services: AWS S3, ES2, Chime, Lambda, MailChimp, Google Translate API + Google Speech to text API;
 Desktop: Electron JS;
 Data: Pandas, Skilern.

Key projects, used technologies and features

Description	Streaming service for online sport trainings
Key features and achievements	<ul style="list-style-type: none"> • Recuring video session and scheduling • Login and signup page • UX&UI improvements • User onboarding flow • Cookies management • PWA frontend improvements • Video chat-fixing
Tech stack	<ul style="list-style-type: none"> • TypeScript • React • Next.js • Express.js • MongoDB • Websockets

Description	API for text chat application
Key features and achievements	<ul style="list-style-type: none"> • Development of environment configuration • Database design • AWS setup • Architecture design • API for mobile app (methods) • SMS notifications and verification • Text chat server-side functionality • Admin panel • CI/CD deployment
Tech stack	<ul style="list-style-type: none"> • TypeScript • MongoDB • Express.js • RabbitMQ • Websockets • React

	<ul style="list-style-type: none"> ● Twilio SMS ● Docker
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Description	Platform for online translation by interpreters and Google translator API
Key features and achievements	<ul style="list-style-type: none"> ● Interpreter search by language ● Login/sign-up and wide profile functionality for different user types ● Video chat (On mediasoup) ● Text chat (messenger) ● Scheduling with calendar sync (for vide meetings) ● Creation of scheduled calls (incl. reoccurring calls) ● Admin panel ● Transcriber logic (management of audio streams to user types) ● Auto-translate with Google API ● Email and Push notifications ● Multipart file uploading
Tech stack	<ul style="list-style-type: none"> ● TypeScript ● React ● Next.js ● Websockets ● MediaSoup ● Express.js ● MongoDB ● RabbitMQ ● Docker

Description	Music streaming service and DJ desktop application
Key features and achievements	<ul style="list-style-type: none"> ● Bug fixing ● UI and Logic improvements on web-app and API ● Integration with Serato app ● PayPal fixing ● SQL requests improvements optimization ● Bash script for desktop appllication

	pre-installation <ul style="list-style-type: none"> • Data analysis: media download statistics to figure out trends • Deployment on server • Music player for desktop application
Tech stack	<ul style="list-style-type: none"> • JavaScript • Python • Electron.js • React • SQL • Express.js • Websockets • Docker

Description	Web-application for online conferences
Key features and achievements	<ul style="list-style-type: none"> • Video chat (full functionality) • Text chat (messenger) • Recording to AWS and restreaming to client (transcoding to HLS) • UI improvements • Deployment on server
Tech Stack	<ul style="list-style-type: none"> • JavaScript • React • AWS chime • AWS DynamoDB • AWS Lambda • WebSockets