

Sergei Koshelev *Software Engineer*

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Professional Experience

Software Engineer (Contract), Evolany Co., Ltd.

12/2022 – 01/2023

Created software using LAMP stack with UI library and PHP framework developed and used by the company.

- Created front-end for a simple blog and sales management tool using an in-house JavaScript UI library.
- Created back-end for a simple blog and sales management tool using an in-house PHP framework that included authentication and access management for different user groups.

English Tutor, Skyeng

12/2019 – 10/2020

Utilized effective communication skills to tailor individualized learning approaches for students of diverse backgrounds and skill levels.

- Achieved a high level of student retention, as evidenced by zero student turnover during tenure as tutor.
- Demonstrated success in improving students' grammar, pronunciation, and overall comfort in communicating in English.

Projects

Talltower [🔗](#)

11/2022 – 01/2023

A mobile messaging app for language learners, international couples and others allowing seamless communication across language barriers. Simplifies chatting by removing the need for translation tools, resulting in a more natural and authentic experience.

- Implemented secure authentication, one-to-one chat, and image sharing features using Firebase and React Native
- Successfully integrated DeepL API to enable message translation, improving cross-cultural communication for users.

Skills

Frontend

JavaScript,
TypeScript, Next.js,
React

Backend

Python, PHP,
Node.js, Express.js,
AWS, PostgreSQL,
MySQL, Docker

Languages

English

TOEIC 985

Japanese

JLPT N2

Russian

Native

Education

Full Stack

Engineering with Agile

Methodologies,

Code Chrysalis

07/2022 – 09/2022

Japanese

Language, Nagoya

YMCA Japanese

Language School

11/2020 – 03/2022

B.S. in Railway

Engineering, St.

Petersburg State

Transport University

01/2015 – 07/2019

ONDO, ondo-app.com 

10/2022

Web application and IoT device for monitoring extremes of temperature and humidity in homes, protecting loved ones and giving peace of mind to caregivers.

- Built hardware using a Raspberry Pi, temperature and motion sensors, buttons and LEDs.
- Built a device state machine using Python
- Implemented Fast API endpoints on backend, and
- Hardware-side requests to send live sensor data to the server.
- Designed a concept art.

Taberu, taberu.up.railway.app 

08/2022

A family food review web app that streamlines meal planning, reduces food waste, and saves time on grocery shopping. The app enables family members to review cooked food and share their preferences, simplifying the meal planning process.

- Built backend using Express.js.

Appreciate

08/2022

Developed a custom notebook application to gain hands-on experience in implementing JWT authentication and authorization. Resulted in a comprehensive understanding of JWT authentication and improved proficiency in modern development practices.

- Implemented secure user authentication using industry-standard JSON Web Token (JWT) mechanism