Sergei Koshelev

Full Stack Software Developer

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Skills

Languages: JavaScript/HTML/CSS, Python, TypeScript
Tech Stack: Node.js, Express.js, React.js, Knex.js, PostgreSQL
Dev Ops: Git, Agile Workflow, TDD, REST APIs, Heroku
Other: SolidWorks, Blender, JLPT N2 2021

Projects

taberu taberu-apps.herokuapp.com **Aug. 2022**

An app that allows families to review cooked food and clearly see each family member's preferences that helps to reduce food waste and time spent buying groceries.

- Built an express server to handle 100% of incoming requests using Express.js.
- Designed database schema.
- Wrote database queries using Knex.js query builder.
- Implemented user verification in the front-end.

ONDO ondo.onrender.com **Oct. 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.

Experience

Bakery Worker **Nov. 2020 – Jul. 2022**
Valor Co., Ltd.
Communicated with Japanese coworkers to keep the work organized while using the opportunity to

deep the understanding of Japanese language and culture.

English Tutor   **Dec. 2019 – Oct. 2020**

Skyeng

Communicated with people of different levels and backgrounds and found an individual approach to help each one understand the material better.

- Students never changed tutor after me.
- Students' grammar and pronunciation improved and they were more comfortable communicating in English.

Education

Full Stack Engineering with Agile Methodologies   **Jul. 2022 – Sep. 2022**

Code Chrysalis

Japanese Language   **Nov. 2020 – Mar. 2022**

Nagoya YMCA Japanese Language School

B.S. in Railway Engineering   **Jan. 2015 – Jul 2019**

St. Petersburg State Transport University