



Maksim Makarenko

Frontend/Fullstack Developer

React/Node/Next

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WORK EXPERIENCE

Klika Tech, Inc Frontend Developer

07/2021 - 11/2023

IoT.ON™ Cloud Platform

IoT.ON™ is an intelligent software platform providing services that greatly extend the capabilities and benefits of IoTecha's EVSEs, charging modules, and test equipment.

- Successfully implemented telemetry on the project, optimizing component performance and creating real-time monitoring reports using Echarts.
- Developed a comprehensive charging station data monitoring report with filtering and search functionality.
- Created a mock server using Node/Express for local workflow and updated application functionality to support a new user type.
- Fixed critical bugs related to charger phase recalculation and implemented a feature for bulk updating configuration parameters.
- Refactored old React components, converted class-based components to functional ones, and improved code structure and readability.
- Collaborated closely with cross-functional teams and provided support during the integration of new technologies and tools.
- Implemented a step-by-step component for updating configuration via file import and suggested ideas for improving the development process.

IoT.ON™ Embedded

IoTecha's team has deep expertise in the design and implementation of software based Media Access Control (MAC) engines, Real Time Operating Systems (RTOS), Embedded Linux applications, and Communication Subsystems with a focus on intelligent EV charging systems and protocols.

- Supported existing JSON schemes.
- Developed new parameters, parsers, validators, and transformers.
- Designed and developed Wi-Fi network lists.
- Created configuration schema for new customer with no modification of current functionality.

Klika Internal Projects

- Improved vacation calculation systems for global offices.
- Enhanced system performance, user monitoring, and adaptability.
- Developed an employee search system and integrated databases for streamlined operations.

iTechArt Group Trainee/Fullstack Developer

12/2020 - 06/2021

CargoTrans

- Developed from scratch mobile app for transporters using React Native & Google Maps.
- Participate in development of Fullstack App for desktop version.

LANGUAGES

English (B2), Russian (native)

SKILLS

React, Redux, Redux Form, Formik+yup, Echarts, i18n, Redux Toolkit

Tailwind+shadcn, Material UI, Styled Components, Bootstrap, SCSS

Node.js (Express), Next.js 14

Familiar with:

PostgreSQL+sequelize, MobX, MongoDB, React Native

EDUCATION

2020 - 2021

iTechArt Students Lab

2004 - 2009

Institute of Parliamentarism and Entrepreneurship