Mikhail Makarov

I build things for the web

I am a software engineer specializing in front-end application development. I am currently part of the FlatSoftware team developing a computer-telephony integration system.

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🔲 mikhailernstovich.github.io/

⌗ github.com/MikhailErnstovich

WORK EXPERIENCE

Frontend Developer
FlatSoftware

08/2022 - Present   *Moscow*

The company develops software solutions in the field of corporate communications.

Achievements/Tasks

- Responsible for maintaining existing frontend applications
- Successfully integrated new features such as photo uploader, complex forms and validation rules
- Close work with QA team

Senior Researcher
JSC MERI

09/2016 - Present   *Zelenograd*

Microelectronics Research Institute

Achievements/Tasks

- Theoretical and numerical simulation of various integrated optics devices using Comsol Multiphysics software
- Writing scientific papers and their further public presentations
- Communication with multi-diciplinary teams of scientists, engineers and managers

EDUCATION

Master (Applied Mathematics and Physics)
Moscow Institute of Physics and Technology

09/2014 - 08/2016

Bachelor (Applied Mathematics and Physics)
Moscow Institute of Physics and Technology

09/2010 - 08/2014

SKILLS

`JavaScript (ES6+)` `TypeScript` `Vue 2/3` `pinia` `vuex` `Vite` `CSS/SCSS` `HTML` `npm` `webpack` `Element-plus` `node.js`

PERSONAL PROJECTS

Personal website (02/2023 - Present)
- Designed and built entirely by me
- Deployed https://mikhailernstovich.github.io/

Scientific writing (09/2016 - Present)
- https://onlinelibrary.wiley.com/doi/10.1002/pssb.202200060
- https://iopscience.iop.org/article/10.1088/1742-6596/2086/1/012090
- https://iopscience.iop.org/article/10.1088/1742-6596/1695/1/012139
- http://dx.doi.org/10.1088/1742-6596/1695/1/012114

ACHIEVEMENTS

Course "JavaScript Algorithms and Data Structures" by FreeCodeCamp (10/2021)
www.freecodecamp.org/certification/fcc0fb53d16-e07a-4e60-9166-8b61529a2b34/javascript-algorithms-and-data-structures

Course "Interface development and JavaScript" by MIPT and Yandex (11/2020)
www.coursera.org/account/accomplishments/specialization/certificate/KKPTF2MJ95M8

Course "HTML and CSS basics" (08/2019)
www.coursera.org/account/accomplishments/verify/8QK2XSFLTXFT

LANGUAGES

English
Full Professional Proficiency

Russian
Full Professional Proficiency

INTERESTS

Cinema   Economics   Applied Physics   Cooking