**Contacts**

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**About**

Experienced frontend developer with a proven track record of creating smooth and user-friendly websites, coupled with a passion for clean and efficient coding. I am excited about the opportunity to contribute my skills and expertise to your team

**Experience**

**JSC FLAT** Moscow, Russia

**Frontend Developer** 01/09/2022 – till now

* Created an administrative panel website for the Tretyakov Gallery.
* Deployed CI/CD in Jenkins in close collaboration with QA team and backend developer.
* Coded lots of frontend features such as custom photo loader, complex forms with validation rules, custom stylesheets, and more.
* Carried out migration to a new API scheme, which led to weakening requirements for server capacity.
* Ensured stable operation existing frontend applications by conducting bug fixes and security updates.

**JSC Molecular Electronics Research Institute** Moscow, Russia

**Senior Researcher** 01/09/2016 – till now

* Provided technical expertise on neural network accelerators, photonic tensor processors, and ADCs.
* Invented an integrated loop reflector that significantly improves power consumption of a photonic memory cell.
* Carred out theoretical and numerical simulations of different integrated optics devices using Comsol Multiphysics.
* Published over 10 scientific papers and presenting them on conferences.

# Education

**Moscow Institute of Physics and Technology** Moscow, Russia

Master of Science, Applied Mathematics and Physics. 01.08.2016

Bachelor’s degree, Applied Mathematics and Physics. 01.08.2014

**Skills**

**Hard Skills:** JavaScript, TypeScript, Vue.js, HTML, CSS, SASS, SCSS, Vite, webpack, npm, element-plus.js, git, State Management (vuex, pinia), Node.js, Express.js, Vue-CLI, Jenkins, SPA and PWA, vue-router, Bootstrap, Google Firebase, Bubblewrap.

**Soft Skills:** problem-solving, critical thinking, time management, collaboration, patience, empathy.

**Languages:** English - B2, Russian - Native.

**Recent publications:**

* Energy‐Efficient Photonic Memory Cell with Spatially Separated Recording/Erasing and Readout Channels – 2022 Physica status solidi (b) / Published by Wiley-VCH Verlag · Jun 1, 2022
* Numerical simulation of effective light transmission through a photonic memory cell – 2021 Journal of Physics: Conference Series / Published under licence by IOP Publishing Ltd · Dec 1, 2021
* Peculiarities of the synthesis of GST films by magnetron sputtering for nonvolatile optical memory cells – 2020 Journal of Physics: Conference Series / Published under licence by IOP Publishing Ltd · Dec 1, 2020