

# Vladislav Vinokurov

Experienced Web Developer (2+ years of experience) with deep understanding of programming concepts.

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## Skills and Tools

JavaScript, Async programming, OOP, Signals, PostgreSQL, CSS3, HTML5, Git/GitHub, VSCode. Next goal: Node.JS

## Experience and Projects

Recently, I pivoted my career from Research scientist to Web Development due to my passion for web development and problem-solving abilities. I have more than 2 years of web development experience.

**Web developer** **Weather application project** **2024**

Designed and developed responsive weather application. JavaScript Keywords: HTML templates, API integration, API Navigator, Promises (Async/await), LocalStorage, Map. [Live Demo & code is here.](#)

**Web developer** **Snake game project** **2024**

Developed responsive snake game. Control is supported through both keyboard and smartphone touchscreen. JS Keywords: requestAnimationFrame, Async/await, LocalStorage. [Live Demo & code is here.](#)

**Web developer** **Garden plants and trees online store app** **2024**

Designed and developed responsive Garden plants online store app. JS Keywords: JSON data handling, HTML templates, Fetch API, Async/await, LocalStorage, RegEx, cross-page shopping cart. [Live Demo & code is here.](#)

**Web developer** **Currency exchange rate app with charts** **2024**

Designed and developed responsive currency exchange rate app with charts. JS Keywords: Fetch API, Async/await. The Object-oriented programming version uses Classes, private fields. The dynamics are implemented using interactive charts from the visualization library Chart.js. [Live Demo & code is here.](#)

**Web developer** **The Portfolio website** **2022-2025**

[The Portfolio website](#) with responsive design and responsive images. Mobile-first development approach.

**Web developer** **The photo blog on Wordpress** **2010-2025**

Since 2010, I have been developing and maintaining my own photo blog [loveopium.ru](http://loveopium.ru) on Wordpress. 1.2 million unique visitors in November 2023, according to Cloudflare CDN service.

**Researcher** **Russia's flagship Scientific SKIF project** **2020-2025**

- Engaged in numerical 3D modeling using the Ansys Fluent + CAD software package.
- Created scalable software application using Fortran programming language that made it possible to improve the design of diamond thermal filters of the SKIF 4+ synchrotron.

**Researcher** **Institute of Thermophysics SB RAS** **2000-2025**

- Designed and developed scalable application using Fortran programming language that optimize the crystal growth for microelectronics from melts. Code reviews, unit/integration testing.
- Creation of Fortran applications for numerical simulation of crystal growth for optoelectronics from melts.

## Certificates

- [HackerRank](#) Certificate JavaScript for the skill JavaScript (Intermediate)
- On [CodeWars](#) I have rank 3kyu (competent programming level) in JavaScript

## Education

- Ph.D. in Physical and Mathematical Sciences 2012
- Master of Science with a speciality in mathematics 1995-1997
- Bachelor of Science with a speciality in mathematics 1991-1995