# Mark Safronov

*Fullstack Web Developer*

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### Education

2006-2011 **Specialist**, *Kazan State University*, Naberezhnye Chelny.
Applied Mathematics and IT

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### Projects

2018.10– **Full-stack Web Developer**, *Clevertech*, Remote.
2019.06 Improved collection and set up reporting of user analytics for an educational video streaming website with 60 000 visits per month.A lot of PostgresQL-optimized queries and an convenience UI for reporting.
Set up transparent cookie-based authentication between the frontend and the API backend when the frontend has been migrated from React-based SPA to Next.js.
Tech stack:
- Backend: Node.js/Express, PostgresQL, Redis.
- Frontend: Next.js/React.js/Redux/Sagas, Google Analytics API.
Everything is Dockerized.

2018.04– **Software Developer**, *Clevertech*, Remote.
2018.10 Developed a thick client desktop application to manage and record end-to-end tests using the custom client-supplied C# testing wrapper library over Selenium.
Tech stack:
- Backend: MS SQL database.
- Middleware: custom C# wrapper library, Selenium.
- Frontend: React.js/Electron.

2012– **PHP Developer**, *Clevertech*, Remote.
2018.03 Maintenance of the website for the large US-based home decor retailer.
Set up financial and user analytics reporting.
Set up the system for mass mail sending in a scale of 500 000 recipients twice a day.
Tech stack:
- Frontend: jQuery/Spine.js partway migrated to React.js.
- Backend: PHP 7.1/Yii 1.x, Composer, nginx, MariaDB (MySQL) + MongoDB, Redis, Apache Solr, Server-Side Rendering for React.js.
- Tooling: Jenkins CI, PHPUnit, Selenium.

**2016.12-** **PHP Developer**, *Freelance work*, Remote.

**2017.04** Created a Web application for managing workflow of smartphone warranty repairs, for a Moscow-based client. Tech stack:
- Frontend: jQuery / Twitter Bootstrap, mostly autogenerated by Yii framework.
- Backend: PHP 7.1/Yii 2.x, Composer, nginx, MariaDB (MySQL).

**2015** **Wayback Machine for Firefox**, *Open source*, Remote.

Created a tiny specialized extension for Firefox to solve my personal problem and published it in Firefox Extensions store.

**2015** **Russian edition of "Web Application Development using Yii 2"**, *DMK Press*.

Translated my book to Russian.

**2014** **Book "Web Application Development using Yii 2"**, *PACKT Publishing*.

Wrote a book about using Yii 2 framework, while this framework was still in beta. It still sells!

**2012–2014** **YiiBooster maintainer**, *Clevertech*, Remote.

Was one of the core maintainers of the opensource project YiiBooster (https://github.com/clevertech/YiiBooster), which was a UI helper library for the Yii PHP framework version 1.x.

**2012** **PHP Developer**, *Akalita*, Remote.

While building yet another 1C-Bitrix based customer website, built custom online calculator for insurance payments, translated from rules from several insurance companies expressed in Excel.

**2010–2012** **PHP Developer**, *Provodnik.Net*, Remote.

Launched several e-commerce websites for different customer businesses.
Tech stack:
- Frontend: jQuery, mostly autogenerated by Yii framework.
- Backend: PHP 5.1/Yii 1.x, MySQL.

**2012** **PHP Developer**, *Akalita*, Remote.

Built a full-featured online retail store of personal protective gear, from PSD mock-ups up to working website, using Bitrix CMS in a single month, alone.
Tech stack: PHP 5.1, 1C-Bitrix, MySQL, Apache.

**2010–2011** **Frontend Web Developer**, *Akalita*, Remote.

Provided XHTML/CSS2 markup for close to dozen different e-commerce websites, based on PSD mock-up designs.
Maintained existing and newly appearing websites, in 1C-Bitrix CMS.

**2009–2010** **Drop-in System Administrator**, *"Firma LIST" LLC*, Naberezhnye Chelny.

Web site support, tech support, backups.

**2008** **Russian translation of the "Visual Prolog 7.1 for Tyros"**.

Translated very interesting introductory book about Visual Prolog programming language to Russian, because I could.

**2008** **IT Manager**, *Zakamye region CCI*, Naberezhnye Chelny.

LAN support, web-site support