Andrey Kuzmin

Web Engineer

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Skills

Elm, JavaScript, CSS, HTML, build tools (Webpack, Browserify, Gulp), testing tools (Mocha, Sinon, Karma, WebDriver, PhantomJS, Gemini), frameworks and libraries (React, Backbone, jQuery), NodeJS.

Experience

Zalando / Senior Frontend Engineer
September 2014 — Present, Berlin

Improved Gulp build pipeline in the legacy codebase, introduced SVG icons with autogenerated PNG fallback, refactored the registration page, worked on React UI, wrote functional UI tests.

Worked on the new platform for the frontend built on top of microservices, originated the layout service that composes the page in realtime using NodeJS streams.

Football.com / Senior Frontend Developer
December 2012 — August 2014, remotely from Veliky Novgorod, Russia

Rebuilt the frontend of the old website to make it modular and maintainable, built complex UI with Backbone, worked on Cordova based mobile app, set up the foundation for the new responsive website. (Browserify, RequireJS, jQuery, Backbone, SASS/Compass, Cordova, Grunt/Gulp automation)

Freelance / Entrepreneur / Web Developer
2009 — August 2014, Veliky Novgorod, Russia

Worked on many different projects for multiple clients and for myself, built complex solutions from scratch with web.py Python library. Some examples are:

Stonegarden — a CMS system with WYSIWYG simplicity that powers a few responsive websites

zakupki.okbplaneta.ru—a web-application for online tenders (registration, attaching documents, creating tenders, bids, statistics, email notifications)

khrutsky.ru, zdorov.nov.ru—web-application for managing online orders of goods, imported from 1C:Enterprise using XML evented parsing

invoicidence—an accounting platform for managing clients and invoicing them (uses headless OpenOffice and appy.pod to generate PDF invoices)

cafe.nov.ru—restaurant listing project, my own startup (responsive, social

login, comments, maps integration, import menus from XLS, interactive panoramas) [webhitech 2011 winner](#).

Leto (web agency) / Web Developer

2009 — August 2014, Veliky Novgorod, Russia

Online store of papers (connected payment, automatic preview generation from DOC, RTF and PDF files using Abiword and ghostscript, fulltext search using Sphinx)

FlexSwitch GUI—web interface for application services (using SOAP)

Complete frontend of news website (registration, votes, comment threads, posting news, optimization of front page's size down to 200kb, CSS sprites)

Intranet portal for a company (using Ruby On Rails).

Education

Novgorod State University / Engineer's Degree in Computer Software Engineering

2002 — 2007, Veliky Novgorod, Russia

Graduated with honors. Diploma thesis—"The Internet service for streaming the videos uploaded from mobile devices" (Ruby On Rails, PostgreSQL, FFmpeg for video conversion, Darwin Streaming Server for video streaming to mobile devices)

Talks

Mogee or How I Fit Elm in a 64×64 Grid / [slides](#)
05.10.2016, Elm Berlin

Creating a Fun Game With Elm / [slides](#)
04.06.2016, Elm Berlin

Introduction to Elm / [slides](#)
19.02.2016, Fri.JS

NodeJS-powered Layout Service / [slides](#)
21.01.2016, Berlin.JS

Creating Bulletproof SVG Icons / [slides](#)
09.06.2015, Up.front 58 / 19.03.2015, HTML5 Berlin User Group Revival

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Open Source

[gulp-svgstore](#), [gulp-postcss](#) — gulp plugins

[elm-flatris](#), [elm-street-404](#), [elm-mogee](#) — games in Elm

[tailor](#) — a layout service that composes a page with streams

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Hobbies and interests

Recently I have been learning a functional reactive programming in Elm. Apart from work, I enjoy live music in Berlin and am a yoga newbie.