{ Passionate and Pragmatic Software Engineer }

Vitalij Kudresov

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Profile

Passionate pragmatic Software Engineer a Tech Lead and a polyglot. Working in all parts of the product lifecycle: from problem analysis and UX to architecture and full stack development. Strong supporter of Agile, Lean, TDD, developer anarchy and self-testing code.

Technical Skills

– React / Preact

– Angular

– Redux

– Node.js / Express

– Ruby on Rails / Sinatra

– ES6/7

– Typescript

– Webpack

– Ruby

– C#

– Java

– OOP

– Design Patterns

– Mongo DB / MS SQL / Postgres / MySql

– AWS / Heroku

– TDD

– CI / CD

– Agile

</> Experience

February 2017—June 2018

Trainline **Software Engineer**

Working on trainline.com mobile website. Using React/Redux with Node.js/Express as a "backend for frontend". Rewriting existing code base while introducing best practices. Using Typescript for both backend and frontend. Big emphasis on TDD and test automation and CI as well as on A/B testing.

– Introducing new testing practices

– Working on site performance optimisation, considerably improving First Meaningful Paint and First Interactive

– Delivering new platform on time

– Moving site to use React Server Side Rendering

– Utilising: Webpack, Ramda, Redux, Redux Form, Typescript, Storybook, Jest, Enzyme, Node/Express, NewRelic

Languages

– English

– Russian

– Lithuanian

January 2014—February 2017

M&S Tech Lead

Working on a variety of projects ranging from in-store kiosk to web and APIs. Running a lot of proof of concept products in a lean fashion. Participating in technical talks and training engineers

- Managing a team of 5 engineers. Promoting developer anarchy methodology

- Improving ways of working in a team, making sure team is working on challenging projects and has a right environment

- Recruiting for current team and other teams

- Building Waste Management system using Ruby on Rails, Angular.js and Android

- Working on "Browse and Order" an in-store kiosk. Project was written in WPF, C#, .NET. Utilising technologies such as: RX, PRISM, MVC, Team City (CI) and Azure

- Working on improving CI/CD in a company to move towards build pipelines and Docker Containers

- Working on an "Online Bra Fitting Tool", a microwebsite and part of M&S.com. Tech stack: Angular.js, Node.js, Bootstrap, HTML 5, SASS, Postgres SQL, Protractor, Mocha, Jasmine, Sauce Labs, Codeship, Heroku. App was built in a TDD fashion and using Continuous Integration principle

- Working on multiple proof of concepts using such technologies as: Angular.js, Node.js, MongoDB, HTML 5, CSS 3, iOS, SWIFT, Objective C, Android, Ionic

- Working on multiple Android Projects

- Working on a variety of microservices mainly written in Ruby on Rails

August 2012—December 2013

Marketform (Neon) System Developer

Working on a core underwriting system which is used to process policies from quote to renewal stage. The project has been chosen as Fast FWD Challenge Winner by K2 Workflows

- Working on architecture
- Building front end in WPF, .NET XAML, PRISM
- Writing automation test suits
- Working on Microsoft SQL backend

November 2010—Present

VerySoftware Software Engineer and Entrepreneur

Working in spare time on multiple apps and projects as part of Very Software team

- CV Stylist an online service for creating beautiful CVs
- Pixel Takeaway an online platform for artists to sell bespoke artworks
- AppTracker a tool for developers to track reviews on Microsoft Store
- Polyglot Translator app for Windows Phone. An award winning translator and a top app in its category in multiple regions

July 2010—July 2011

[Edwards](#) WPF Designer and Developer

Working on a business-critical project as a WPF designer and developer. Project involved creating a front-end for vacuum/abatement system used at major manufacturing plants for data visualisation, equipment control and system health monitoring

- Working on a visualisation of large dataset

- Designing, developing and testing front-end

- Working on the system architecture design

- Utilising: WPF, C#, WCF, PRISM, .NET, Rhino Mocks, MSUnit

As a result creating an innovative system architecture solution which helped to deliver a high quality project in a very short period of time receiving very positive feedback both from customers and end-users

🎓 Education

2008—2012

[University of Nottingham](#) BSc Computer Science

Degree: 2.1

Dissertation: "PC and Phone environments synchronisation". Received an offer from University to carry on working on the project as a PHD research

🏆 Other Achievements

In my spare time I tend to work on a wide range of pet projects as well as participate in talks and events.

Speaker at "Microsoft UK Tech Days", giving a speech on topic of "Blending Delicious User Experiences for Windows Phone" at "Microsoft UK Tech Days". Main topics of the speech: Nested MVVM, Expression Blend animation, Service simulation.

Speaker at The UX Conference Topic: versioning your design

Speaker at multiple Meetups

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