

{ Passionate and Pragmatic Software Engineer }

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

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</> Experience

February 2017 — June 2018

The Trainline (Software Engineer)

Working on the mobile website for trainline.com. Using React/Redux with Node.js/Express. Rebuilding the website in React to support European travel. Using Typescript for both backend and frontend. Big emphasis on TDD and test automation

- 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

Lean

UX / UI

Web performance optimisation

Usability Research

Wireframing / Prototyping

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

Marketfrom, Lloyd's insurance syndicate (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 UI of the HMI
- 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

original cv at <https://kudresov.github.io/cv>