ABOUT

Yaroslav (Slava) Tkachenko, Software engineer

I started programming when I was 13, professionally since 17. Programming was always my passion and I never stop learning.

During my career I did a lot of different things, from slicing mockups to HTML/CSS and writing single page web apps to designing and building microservices architecture and implementing complex back-end services with Actor-based frameworks.

My current areas of interest:

- Distributed systems and microservices
- Back-end programming
- Infrastructure, DevOps tools and practices

You can find my experience, education and skills in the pages below.

CONTACTS

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EXPERIENCE

Bench Accounting

Director of Engineering, October 2015 - Present (1 year) | Vancouver, BC, Canada

Engineering Lead, April 2014 - September 2015 (1 year 6 months) | Vancouver, BC, Canada

Software Engineer, September 2011 - March 2014 (2 years 7 months) | Omsk, Russia (Remote) -> Vancouver, BC, Canada

In Bench Accounting I contributed to the growth and success of the company a lot. In the last 5 years:

- Company received $25M+ in funding
- Company had grown from 6 to 250+ employees
- Engineering team had grown from 3 to 30 engineers

My contributions touched the whole stack. When I joined the company I mostly worked on a front-end, rewriting multiple single page web apps, then focused more on API, back-end of the core services and integrations, and finally now I'm responsible for the whole Platform, including infrastructure work, DevOps tools and practices, core back-end services, integrations, microservices architecture and more.

I always cared a lot about projects we develop and products we ship. Everything from tiny UI elements to code quality and team motivation. I quickly became a leader for many initiatives and was promoted to the Engineering Lead. As an example, I led the transition from Java monolith app to Scala microservices.

I continued to improve not only our codebase and quality standards, but lots of processes like project management, onboarding experience and education. Now in my role as a Director of Engineering I'm responsible for managing multiple teams working on Platform, infrastructure, API and integrations, as well as participating in technical discussions, contributing to architecture and mentoring. Still, my sleeves are always rolled up and I'm helping teams with regular tasks all the time.

PureBulk

Senior Web Developer, March 2010 - July 2011 (1 year 5 months) | Omsk, Russia (Remote)

I worked on a big e-commerce website (up to 20k+ active users daily), responsibilities included:

- Maintenance and feature development (full-stack)
- Implementation of a special shipping module based on a packing optimization algorithm
- Heavy front-end development using various JS frameworks
- Lots of front-end and back-end loading speed / performance optimizations

Self-employed, freelance

Web Developer, March 2010 - June 2011 (1 year 4 months) | Omsk, Russia (Remote)

I participated in multiple projects as a remote web developer (full-stack), mostly through upwork.com:

- Stinova ltd.
- Duffelup
- PrivacyChoice
- And more!

Aconcept

Web Developer, November 2009 - February 2010 (4 months) | Omsk, Russia

I was focused on the outsource projects involving web sites and web apps development.

At the same time:

- I worked on internal SEO-focused services and tools
- I led educational courses for interns (full-stack)

IA Globus

Junior Web Developer, January 2007 - June 2007 (6 months) | Omsk, Russia

In my first job I was mostly focused on implementing web sites and web apps.

- I was part of the team working on a Russian music social network (full-stack)
- I worked on a promo website for a British football club
- I implemented a few web sites for local companies

EDUCATION

Omsk State Technical University, 2007 - 2012 | Omsk, Russia

Engineer's Degree, Software Engineering and System Analysis

Additional certifications and workshops

Implementing Domain-Driven Design workshop, March 2016 | by Vaughn Vernon

Introduction to Machine Learning Using Spark, May 2015 | Polyglot Unconference

Principles of Reactive Programming, May 2015 | Coursera

Real World Programming With Haskell, May 2014 | Polyglot Unconference

Functional Programming Principles in Scala, June 2014 | Coursera

SKILLS, PRACTICES AND TECH

I have experience in distributed systems, databases, message queues, caches, various APIs, integrations, SOAP, REST, HTTP, XML, JSON, JSON-Schema, RAML, Design Patterns, Actor systems, Event sourcing, CQRS, SOA and Enterprise Integration Patterns.

I'm a big advocate of the functional programming and Domain Driven Design.

I work in Agile (Scrum and Kanban) project and product management, use TDD/BDD when needed and always write all kinds of tests (Unit, Service, Integration, …).

I'm also really excited about microservices, containers and DevOps tools and practices (such as cloud infrastructure, configuration management, Continuous Integration/Deployment/Delivery, monitoring, logging, security, …).

Tech I've used professionally over the last 10 years

Scala: Akka (Actors, HTTP, Cluster, Persistence), Spray, Slick, SBT.

Java: Spring Framework (Context, Security, Data, Roo, MVC), Hibernate, Tomcat, Jersey, Struts, Drools, Camel, Maven.

JavaScript: ECMAScript3–6, CoffeeScript, Node.js, restify, npm.

Python: Django, Flask, Fabric.

PHP: Zend Framework, Code Igniter, Zencart, Magento, Joomla!, Wordpress.

Web: HTML/CSS, jQuery, Backbone.js, AngularJS.

Testing: Selenium, JUnit, TestNG, ScalaTest, Jasmine, Intern.js.

Misc: ActiveMQ, Postgres, MySQL, MongoDB, Redis, Ansible, Docker, Vagrant, Consul, nginx, Amazon Web Services (EC2, S3, RDS, ElastiCache, IAM, Lambda, CloudFormation, EB, ECS, …), Git, SVN, Bash, NewRelic, Datadog, PagerDuty, Splunk, Jenkins, CircleCI.

Tech I've not used professionally, but either studied or used in small projects

Erlang/OTP, Go, Haskell, Cassandra, Riak, Kafka, Spark.

Thanks!