

Vlad Shvedov

Senior Software Engineer

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Hi,

I'm Vlad and I'm a Senior Software Engineer.

I'm neither a "Senior Ruby Developer", nor a "Rails Engineer", nor "Ruby on Rails Ninja". I'm a **Web Software Developer who loves Ruby**, the Web, code, beauty of programming and complex architectures that are enjoyable to use both by user and by developer.

While I'm deep in love with Ruby, I still think it's just a tool - nifty, easy and handy, but still a tool. This way, during my job, I prefer to use it, but my skills are not limited by Ruby, Rails and Web development only. The reason is simple: you don't usually use a hammer to unscrew a bolt, even if it's a seasoned and well-made hammer. My other quality (shall I say a passion) is learning. This is probably my biggest motivation: learn new things and re-implement old ones, but in a new way, and then again. There are a million things I want to try, to do, to be better at. There is never enough time in a day, week, or year for everything; though I'm really trying. Currently, I work in an awesome US company called Labrador Omnimedia. We make a pretty great product, tastevinapp.com, which is a supercharged beverage and food management software, with a web back-office and iOS clients for customers. It's connected to multiple POS systems and can grab and change wines inventory in real-time. I'm also responsible for each and every technical task including DevOps, deployment and backup strategies and new platforms integration, along with backend development. Really, I cannot think of anything that would keep me from being here for a very long time.

But I always want more.

Not necessarily material things or money, or a new job. I want to learn more and get better. I want to keep it pressured up and take the toughest challenges. I'd also be happy to participate in an OSS project if you feel it is in a domain that correlates with the things I've mentioned above. Or a Natural Language Processing system for Klingon language. Or a generative map generator for a next-gen Roguelike game with the self-manageable economy based on local taverns income... you name it! I'm looking forward to talking with you, uncover more about myself and find out more about the company.

Sincerely yours, Vlad

SKILLS

Ruby, Rails, Crystal, Rack, Sinatra, Grape API, Sidekiq, Python, Flask, JavaScript, Postgres, MongoDB, Elasticsearch, Docker, Ansible, Chef, Vagrant, AWS, Lua

EDUCATION

ONAFТ (G. E. Weinstein's Applied Economics and Management) Master's Degree in Economics and Human Resources Automation Management

LANGUAGES

English, Russian, Ukrainian, French

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Quick biography and professional activity

Vlad has been involved in software development from a young age, having initially taught himself low-level programming for gaming as well as assisting his Father in scientific calculations automation since the age of 13.

Vlad graduated from the University of G. E. Weinstein's in applied Economics and Management. During his final year of his Master's Vlad won the 'Innovation Award' for his final project, combining his Economic Science and programming experience, by developing an HR management and prediction platform for a local food factory.

Vlad started his career at Masquerade, a games development studio. Here he was quickly promoted, managing a team, as well as being the lead developer. Masquerade inspired Vlad to set up his own company, co-founding a Video on Demand platform, where he held the role of CTO. It was during this venture he developed a deep interest in machine-based algorithmic suggestions, based on user's interests, from user viewings data and Facebook data. Vlad's hard work had paid off and his VoD company was acquired by a major digital rights owner and is still the underlying technology powering it today.

Following on from this success, Vlad advised several Silicon Valley startups including his assistance at DataXu and developing the core of Toptal, as the company's employee number one.

His main area of specializing was next-generation advertising platforms developing, Rails-based platform architecting and developers teams leading. During this period he also developed highload experience in TOP1 (by Alexa rate) gaming portal Y8.com.

In 2012, Vlad became a Director of Engineering at Helios Technologies. Here he built the team from scratch in Odessa and continued his team leading on projects such as ID.net (identity and secure payments platform), TrafficFactory (analytical and advertisement platform) and Ant.com (a social-based search engine with a Natural Language Processing and social graph exploration core).

In 2014, Vlad joined ProFinda as he was excited about the ability to use AI to help companies be more efficient. Here he leads the development work combining Artificial Intelligence, Natural Language Processing, Machine Learning and Algorithmic Suggestions. Vlad's goal is to achieve the state of when the whole Intelligence stack is acting as a set of fault-tolerant and independent applications, with an ability to add new entities, data and knowledge, to improve the final result of machine-based expertise ad hoc. He leads a team of data engineers and is responsible for full cycle development and researchers.

In 2016, Vlad joined Labrador OmniMedia, as a Lead Raild Developer to work on TastevinApp - a software dedicated to re-inventing on-premise beverage sales and integrate client's Point of Sale terminals with client-faced iOS software.

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Senior Software Engineer, Web Applications Developer, Data Engineer, with extensive experience in **high-load** 24/7 services, core backend applications, and **APIs** development; strong **Business Analytics** Software and **Backend** development experience.

I have a strong, quality-driven work ethic working with both technical and decision-maker teams. I have good public speaking skills and love to share my knowledge. I treat every situation, as a learning experience and value highly the experience and knowledge of my superiors and elders. I have experience taking over big projects, as well as start building from scratch. I can work alone or become a valuable and friendly member of a remote or on-site team.

SKILLS:

Ruby / Ruby on Rails / Sinatra	more than 8 years
Python / Flask / Django	more than 5 years
SQL (MySQL, Postgres)	more than 8 years
No-SQL (MongoDB, Redis) and Elasticsearch	more than 5 years
JavaScript / Node	more than 8 years
HTML / CSS	more than 12 years
Java, Elixir, Lua and Go	3 years approx.

DAY-TO-DAY TASKS:

- ❖ **REST APIs** development
- ❖ **Web Applications** development
- ❖ **Docker** and containerization
- ❖ **Big Data, Data Processing, Natural Language Processing**
- ❖ **OLAP**, Business Analytics and Economic Modelling Software development
- ❖ **Machine Learning**
- ❖ Technical **Leading** and Management
- ❖ **Code review** and technical mentoring
- ❖ Software systems **reliability audit** and consulting
- ❖ Databases, **high-load** web servers, and web applications **performance tuning**

EDUCATION:

ONAF (G. E. Weinstein's Applied Economics and Management) **Master's Degree** in Economics and Human Resources Automation Management - Odessa, Ukraine (2001 - 2006)

CURRENT POSITION:

For security, ethical and NDA reasons, there are no technical details about the current position. Thank you for understanding.

Lead Software Developer at **Labrador Omnimedia**. I'm working on tastevinapp.com which is a software dedicated to re-inventing on-premise beverage sales. I'm responsible for all the technical tasks including DevOps, backup, CI and deployment strategies along with the Backend development itself.

PAST POSITIONS:

1) **ProFinda** (<http://profinda.com>) - a next generation of business collaboration platforms

Ruby/JRuby/Rails backend development, Analytics and Intelligence systems development, code review

(April 2014 - December 2016)

Technologies: Ruby, JRuby, Python, Rack, Grape API, Redis, PG, Redis, Elasticsearch

Activities: NLP, ML, backend API, Docker (details upon request)

2) **MODNIQUE (EmailUX)** (<http://www.modnique.com/>) - an online marketplace

Ruby/Rails team leading, business analytics and data processing, code review, technical mentoring

(January 2014 - April 2015)

Technologies: Ruby, Rails, Javascript, PostgreSQL, Redis, EventMachine

Activities:

1. Data/Context/Interaction (DCI) architecture implemented
2. Dokku/Docker/Ansible/Vagrant deployment implemented
3. Technical mentoring and Team Leading
4. Code reviews
5. Google Analytics (REST API) and Bronto (SOAP API) integrated
6. Asynchronous agent to track emails and links openings implemented

3) **TOPTAL** (<http://www.toptal.com/>) - an outsource marketplace

Ruby/Rails, developing platform itself, DCI, Analytics and OLAP platform development

(November 2012 - January 2014)

Technologies: Ruby, Rails, Javascript, PostgreSQL, Redis, Backbone.js

Activities:

1. Interactions/Context architecture implemented
2. Legacy code refactored and improved
3. Business Analytics OLAP web-based application developed
4. Data mining optimized
5. Complex architectural solutions and Rails applications management

4) **Y8** (<http://www.y8.com/>) - TOP 3 game portal by Alexa in the world

Ruby/Rails, core development, asynchronous voting system, high load optimization

(March 2011 - July 2011)

Technologies: Ruby, Rails, Javascript, Redis, JSON-RPC, MySQL, EventMachine

Activities:

1. High-load resistant backed implemented
2. An asynchronous voting system implemented (EventMachine, JS, JSON-RPC)
3. Code refactoring and reviews

5) **TrafficFactory** (<http://www.trafficfactory.biz/>) - an advertisement network
Ruby/Rails, OLAP platform development, code review, team management
(February 2012 – November 2012)

Technologies: Ruby, Rails, Javascript, Redis, MySQL, EventMachine

Activities:

1. Application core architecture development
2. Team Leading and Code Reviews
3. Algorithmic Performance optimization

6) **ID.net** (<https://www.id.net/>) - advanced ID/payments system
Ruby/Rails/JS, core development, code review, team management, omniauth-idnet gem
(<https://github.com/idnet/omniauth-idnet>) development, OAuth2 server/provider
development, MongoDB

(May 2011 – November 2012)

Technologies: Ruby, Rails, Javascript, Redis, MongoDB

Activities:

1. Core architecture developed
2. Code review
3. Team Leading
4. omniauth-idnet gem (<https://github.com/idnet/omniauth-idnet>) developed
5. OAuth2 server/provider developed

7) **DataXu** (<http://www.dataxu.com/>) - an advertisement network
Ruby/Rails user client development, QA

(May 2010 – December 2011)

Technologies: Ruby, Rails, Javascript, MySQL

Activities:

1. Codebase optimized
2. Multiple frontend improvements
3. Rails API to Java backend connectivity developed

OTHER PROJECTS:

7, 2010 – 12, 2010

DEALJUMP.COM

Overview: advanced KAYAK.COM clone

OS/Platform: Linux

DBMS: MySQL

Programming Languages: Ruby (Ruby on Rails framework), JavaScript
(jQuery framework)

Role: developer / performance tuning / CSS and HAML layout

Used technologies: Ruby on Rails, AJAX

3, 2010 – 7, 2010

ROADANGELS.COM

Overview: online community

OS/Platform: Linux

DBMS: MySQL

Programming Languages: Ruby (Ruby on Rails framework), JavaScript
(jQuery framework)

Role: developer / performance tuning / CSS and HAML layout

Used technologies: Ruby on Rails, AJAX

Additional info: initial application architecture, 70% of the code.

3, 2009 – 3, 2010

KENGURU.TV

Overview: web-based online cinema, VoD services.

OS/Platform: Linux

DBMS: MySQL / PG

Programming Languages: Ruby, JavaScript, Action Script 3
Role: team leader / developer / performance tuning

Used technologies: Ruby on

Rails, AJAX

9, 2008 – 1, 2010

SCIFI SOFA

Overview: VoD service with Adobe AIR frontend

OS/Platform: Ubuntu Linux

DBMS: MySQL / MongoDB

Programming Languages: Ruby, JavaScript

Role: developer, team leading, server setup

Used technologies: Ruby on Rails, Adobe AIR, Adobe FMS, AS3

6, 2008 – 7, 2009

WORK-FU

Overview: a real-time clone of Twitter.

OS/Platform: FC Linux

DBMS: MySQL

Programming Languages: Ruby, JavaScript

Role: developer, team leading, server setup

5, 2008 – 3, 2009

COLLEGE COLLECTIVE

Overview: a Facebook clone made for local social organization, with custom roles and authentication system and adaptable templates system.

OS/Platform: FC Linux

DBMS: MySQL

Programming Languages: HTML, Ruby, JavaScript, Action Script 3

Role: developer, server setup

Used technologies: Ruby on Rails, AJAX

1, 2008 – 5, 2008

RAMBLER KINOZAL

Overview: free VoD service made for Rambler and VOWeb. Int. on a very short term of time.

OS/Platform: FreeBSD

DBMS: MySQL

Programming Languages: HTML, PHP, Ruby, JavaScript, Action Script

3

Role: developer / designer / server setup and performance tuning

Used technologies: Ruby on Rails, AJAX, CSS

ADDITIONAL NOTES:

The last 7+ years I spent working on **Ruby/Rails based backends**, developing both from scratch and improving existing/legacy codebases, and I'm not afraid to get my hands dirty in both. The stack of technologies mentioned above is my day-to-day set of tools for doing that. Being involved into programming by developing own games on Sinclair ZX Spectrum platform in my childhood, even now, with **10+ years of professional experience**, I still believe it's a kind of magic and the best possible thing ever to convert

lines of code into the user's experience, helping others to do better things and live a better life.