

Roman Vorobyov

Self-motivated web developer with 6+ years of professional experience. Looking to bring expertise and dedication to a team delivering robust and impactful web solutions.

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Summary

- Take pride in writing clean, maintainable and testable code.
- Apply established software engineering methodologies and best practices (*Agile, TDD, CI*).
- Comfortable working individually and in a team, remotely and on-site.
- Proven background in managing deadlines and driving tasks to completion.
- Knowledgeable in all levels of full-stack web development, specializing in back-end.

Experience

Web Developer – *Freelance – Remote* **10/2016 – Present**

- Designed and developed a REST API enabling businesses to rapidly prototype Uber-like services.
- Successfully operated within remote teams, spread across multiple countries and timezones.
- Within tight time frames, created a platform simplifying the study abroad application process.
- Applied Agile and Lean techniques to break down initially sizable functionalities into MVP versions that were then enhanced over time in more manageable increments.
- *Technologies: Python, Flask, Django, AWS, NodeJS, AngularJS, Firebase, Openshift, Unix Shell.*

Web Developer – *Orange Bus – Newcastle, United Kingdom* **10/2012 – 09/2016**

- Worked in close cooperation with designers, sales team and fellow developers to manage a set of 10+ client CMS sites. Spurred by the quality of this work, the company gained millions in value, quadrupled in size and grew from a startup into a leader with a multinational presence.
- Delivered millions of U.K. residents a reliable tax management service, that remained available during all peak usage periods, as part of an agile team in partnership with the Government.
- Engineered a five-fold test suite speedup, enabling it to run in minutes instead of an hour and thereby drastically increasing the rate at which the team could get new code into production.
- Maintained a robust set of microservices by relying on TDD, CI and collaboration with QAs.
- Participated in Scrum and Kanban processes to efficiently deliver stable incremental changes.
- *Technologies: Scala, Play, MongoDB, Jenkins, Kibana, Jira, Git, Drupal, JavaScript, Unix Shell.*

Web Developer (Intern) – *Dean of Students Office at UCI – Irvine, CA* **09/2010 – 06/2011**

- Created requirements documents and built solutions for increasing the efficiency of office operations by gradually replacing a paper-based system with a bespoke intranet application.
- *Technologies: PHP, MySQL, JavaScript, CSS, HTML, Jira.*

Web Developer (Summer Intern) – *Tracks & Fields – Berlin, Germany* **06/2010 – 09/2010**

- Engineered the automated transition of an English-only site to a multi-lingual version.
- Gained the unique experience of working in a fast-paced, vibrant international startup.
- *Technologies: Python, Unix Shell, HTML, PHP, Wordpress.*

Software Developer (Intern) – AsterixDB – Irvine, CA

01/2010 – 06/2010

- Implemented a scalable and efficient external sorter for AsterixDB: an advanced data management system for large, semi-structured data.
- Gained valuable experience working as part of a team on a large, rapidly evolving code base.
- *Technologies: Java, JUnit, SVN, Unix Shell.*

Education

MSc Advanced Computer Science – Newcastle University – Newcastle, United Kingdom 2012

- GPA: 3.7 (Pass with Merit)
- Topic: "Specific Linking: Enriching Hyperlink Functionality with Semantic Web Technologies"
- Group Project: Secure, scalable Trusted Document Storage Service with a REST API on AWS.

BSc Computer Science – University of California, Irvine – Irvine, CA 2011

- GPA: 3.5 (Dean's Honor Roll Recipient - 5 times)
- President (2009 - 2011) of the Free and Open Source Software Club.

Side Projects

Virtual Runner – github.com/ravoro/virtual-runner

- Site for enhancing running experience by allowing users to plot and track their progress over a virtual map powered by Google Maps and Street View.
- *Technologies: Python, Flask, SQLAlchemy, Google Maps API, Bootstrap.*

BudDi Dictionary – github.com/ravoro/buddi-dictionary

- Personalizable online dictionary allowing users to provide and view their own definitions, as well as see standard definitions from various reputable sources, all in one place.
- *Technologies: Scala, Play, Slick, MySQL, Sass, Bootstrap.*

Personal Website – github.com/ravoro/romanvorobyov.com

- Personal website that is being developed as a blog and a general knowledge base.
- *Technologies: Python, Flask, Markdown, Apache.*

MOOC Certificates

- Functional Program Design in Scala – [Coursera.org](https://www.coursera.org) 2017
- Functional Programming in Haskell – [Stepik.org](https://stepik.org) 2015
- Security Analysis of Web Projects – [Stepik.org](https://stepik.org) 2015

Interests

- Love keeping up with various tech blogs and dedicating time to personal side projects.
- Cherish spending valuable time with friends and family.
- Enjoy staying physically active with soccer, basketball, jogging, cycling.
- Like learning about history, foreign languages, photography.