

Piotr Gabryjeluk: web engineer

Summary

- multiple programming languages (Python, JavaScript, PHP, Java, C++)
- deep understanding of layered systems (web apps, network stack, template systems)
- good coder intuition
- open source, Debian, Linux and Git fan
- enjoying agile environment (delivering often, failing quickly, improving by learning)
- eagerly sharing project organization experience, helping my teams to self-organize
- striving to understand the problem before solving it
- then looking for the right solution (not always the easiest or the most advanced one)
- Master's degree in Computer Science

Contact/social information

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- github: <http://github.com/gabrys>

Experience

Software engineer at Fandom (2016–now)

- developing a PHP frontend application on top of existing REST APIs including WordPress
- working on deployment of the application including building Docker images and serving them through Kubernetes in an automated and scaleable way

SEO software engineer at Wikia/Fandom (2015–2016)

- joined a team of 3 and started working on team organization improvements
- worked on SEO tooling, including a dashboard, monitoring automation, and integration between different tools (Python, PHP, Webdriver, Web Components, Qubole)
- updated the HTML title structure of the whole site, refactoring and unifying the existing code. These changes later allowed for very easy rebranding where we changed the separator between the parts of the HTML title and the name of the root entity
- updated the mechanism for generating XML sitemaps making it 3-4 times faster, simpler and much easier to maintain. Added a set of tests to make sure there were no regressions were introduced in the new mechanism and enable sitemap monitoring

Ad software engineer at Wikia (2012–2015)

- rewrote ad engine from PHP to JavaScript to enable geographic-based ad serving decisions: <https://github.com/Wikia/app/tree/dev/extensions/wikia/AdEngine/js>
- used TDD while rewriting to produce code with high test coverage
- enhanced the code tracking capabilities to gain the information about ad state over time
- ran A/B tests to find out when to start loading ads and what ad sizes and placements to use to generate more revenue while keeping users happy
- became the team lead in 2014
- actively helped to recruit new people (by interviewing them)

Software engineer at Allegro (2011–2012)

- worked in a startup-like structure created to enable company to expand to new markets
- worked on an online food ordering website (Zend Framework, History API, MySQL)
- designed a system to import big amounts of data from Oracle data warehouse to MongoDB for fast reads
- composed a small-scale git-based continuous integration deployment system
- administered virtual machines for the applications by using VM images and Puppet

Full stack developer at Wikidot (2007-2011)

- refactored parts of the code to decrease code duplication (created a class for page saving)
- upgraded the full text search from using PostgreSQL-specific features to a standalone PyLucene-based approach
- worked on making code releases simpler and faster (including storing the static files at git-hash-versioned URLs in S3/CloudFront)
- developed XML-RPC API for interacting with Wikidot: <http://www.wikidot.com/doc:api>
- developed forms: <http://www.wikidot.com/doc-data-forms:start>
- built online real-time crowd-based translation to Wikidot (based on forms, live templates, Wikidot API, gettext and a cronjob): <http://translate.wikidot.com/>

Computer science student at Nicolaus Copernicus University, Toruń (2005–2010)

- learned lots of mathematics
- learned to administer Unix/Linux network services
- was part of a team that coded a tag-based forum in J2EE (Maven, Spring, Hibernate)
- wrote a master thesis on history of mobile web browsers
- as the practical part of the master thesis created a QtWebkit-based web browser for the OpenMoko Neo FreeRunner phone) <http://ffbrowsers.wikidot.com/>
- joined Toruń Linux User Group
- with a friend organized workshops on web applications (Ruby on Rails and Django)