Matthias Mullie

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I'm a senior software engineer with over a decade of experience in building web applications, mostly in PHP, Python, MySQL, JavaScript & related tech. I care about code architecture.

I love hard challenges, clean code & learning new things. I firmly believe in applying the boy scout rule to code. I'm pragmatic and able to get things done. I play soccer, like to run & love traveling.

Experience

Senior software engineer, Wikimedia Foundation
San Francisco, CA, USA (remote) – wikimediafoundation.org   2012 – present

Implemented many, many new features across Wikimedia projects, among which: cross-wiki notifications, discussion board, structured (meta)data for multimedia & media search.

Work ranges all across the stack, from high-level systems architecture work to low-level implementation details, interfacing with other services or building own solutions when alternatives don't work (e.g. a modern templates-based reactive frontend), from being involved in product/design to improving backend code performance.

Lead developer, Wijs
Ghent, Belgium – wijs.be   2008 – 2012

I architected & implemented a wide variety of projects: marketing websites, e-commerce, ERP integrations, (small) social platforms, ...
I led & mentored a 6 person team to ensure shipping on time & within budget, free of issues. *Usually* :)
I led the technical direction & resource allocation of open source Fork CMS & grew it to 4k+ installs/month.

Projects & open source

Effort – Workout tracker/training plan app – effortapp.com

I've built a mobile app to monitor sports performances & suggest an adaptive training plan.
There's a comprehensive API & allows syncing with 3rd party providers (such as Strava or Garmin) as well as on-device tracking.

Cauditor – Code metrics analyzer – cauditor.org *(offline; hosting cost)*

I set up this AWS-hosted SaaS to generate & visualize engineering metrics for PHP projects.
The website (in Python) lets you link GitHub repos. 2 SQS queues then trigger the metrics generation (in PHP & open source), until it generated some fancy metrics.

Scrapbook – Transactional cache – scrapbook.cash – github.com/matthiasmullie/scrapbook

I implemented a Memcached-like API for multiple cache backends, but that was just a prerequisite for the real cool stuff in here: stampede protection, sharding & transactions.

Minify – JS & CSS minifier – minifier.org – github.com/matthiasmullie/minify

How did a few regular expressions grow into this thing with 4m+ installs that I no longer want to maintain!?

Education

Bachelor in Applied Computer Science, Katho
Kortrijk, Belgium – katho.be   2004 – 2011

ASP.NET, Java, Oracle DB, HTML, CSS, XML, Networking, OOP, ...

PHP developer, Katho
Wevelgem, Belgium – vdab.be   2007 – 2008

PHP, MySQL, JavaScript, XML