

# Patrik Fuhrmann, Software Engineer

Experienced software engineer with main interests in the mobile and distributed systems. Specialising in PHP and MySQL driven systems, however, no stranger to Node.js and MongoDB/Redis backends. Able to code fluently in JavaScript, Java and acceptably in C#. Furthermore, I have experience in the cloud Linux management having been tasked with the administration of the various production and testing servers. Lastly, I am experienced in the leadership being responsible for the software development teams and technical delivery of web properties.

✉ **Email:** [contact@patrikfuhrmann.com](mailto:contact@patrikfuhrmann.com)

🕒 **Availability:** 2 month notice

🌐 **Website:** <https://patrikfuhrmann.com>

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## TECHNICAL SKILLS

**Specialties:** LEMP / LAMP, writing OO code, developing and interfacing with REST APIs, PHP / SQL profiling and optimization

**Languages:** PHP (5 years), HTML/CSS (5 years), JavaScript / JQuery (5 years), Node.js (1 year)

**Tools:** Symfony / Laravel PHP frameworks, GIT, JSON , PHPUnit / Behat / Mink, ORM, ODM, MVC

**Methodologies:** Agile (Scrum, Kanban, Scrumban), BDD (Behaviour-driven development), TDD (Test-driven development)

**Databases:** MySQL, Redis, PostgreSQL, Kyoto Tycoon, MongoDB

**Other notable programming skills:** Java / Android, C# / .NET

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## RECENT EMPLOYMENT

May 2017 – Present, London

**Senior Software Engineer | Mercari**

- Mercari was launched in 2013 and has since become the largest mobile marketplace in Japan with over 60 million downloads worldwide

October 2016 – April 2017, London

**Web Engineer | Cloudflare**

- The web performance and security company
- Part of the larger group of engineers in the front-facing team
- Developed WebP API integration with the Cloudflare's edge systems
- Various improvements to the internal "page rules" engine
- Working with many technologies such as Docker, Kyoto Tycoon, Redis etc.
- Server-side work on the scaling of the PostgreSQL database (master/slave replication)
- Creating and maintaining APIs with lot of traffic (1 billion+ req/month)

July 2015 – September 2016, London

**Technical Lead | babylon health**

- Largest doctor-on-demand startup in the UK
- Started as lead PHP developer and promoted after 10 months to the tech lead
- Leading technical efforts of the Predictive Analytics team

- Responsible for the hiring of new engineers i.e. PHP, Python and data scientists
- Creating development standards and best practices followed across the team
- Building out the architecture to support the critical delivery of the AI Predictive Analytics platforms
- Onboarding and mentoring engineers to ensure quality and timely delivery

August 2014 – January 2015, London

**Senior PHP Developer (Symfony) | LendInvest**

- LendInvest is leading online lender for short-term property finance
- Transforming legacy code from CodeIgniter to Symfony2 framework
- Creating BDD (Behavior-Driven Development) testing suite using Behat 3
- Redesigned system was successfully launched in December 2014

July 2014 – July 2014, London

**Lead PHP Developer (Laravel) | laundrapp**

- Using PHP Laravel 4 to develop custom back-end CMS system
- Creating client-side javascript rich functionality using AJAX, JQuery, Grunt and Bower package management

April 2014 – June 2014, London

**Senior Software Engineer (Node.js, PHP) | entrago**

- Early-stage startup, celebrity channels for fans
- Working with sizeable Redis database (100+ GB)
- Mostly using Node.js but also PHP (ZF2)

October 2013 – March 2014, Warwick

**Laravel PHP Developer (Laravel) | Anaxion**

- Mobile marketing startup (pre-funding stage), reporting directly to business owner
- Built JSON REST API server which was successfully utilised in the Android app
- Created automated billing system based on QuickFile and GoCardless APIs

October 2012 – December 2012, London

**PHP Developer | TDE Solutions**

- Private company providing SaaS solutions for cinema industry
- Creating e-commerce product from scratch, based on custom PHP framework

April 2012 - September 2012, Reading

**PHP Developer | Primrose.co.uk**

- One of the largest UK online gardening retailer
- Finding bottlenecks in performance by profiling PHP. As a result, we went from 1600+ SQL queries on each page to less than 400 per page

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## EDUCATION

2012 - 2015

**BEng (Hons) Software Engineering, University of Greenwich, London**

- 1st class honours degree