# János Fehér

Flat 82 Winterton House, London, E1 2QS  
+44 75445 93343 • [i.am@janosfeher.com](mailto:i.am@janosfeher.com) • <https://janosfeher.com>

Extensive experience in Web-Scale Product Development, Software and Integration Architecture  
Keywords: Technical Leadership, Agile, Lean, Software Architecture, Go, Drupal, Entrepreneur

## Professional Experience

Since 2014

*Lead Developer for* [*Intern Avenue*](https://www.internavenue.com/) (London, United Kingdom)

### Impact

* Tech Employee #1 at Intern Avenue, built the technical team with the ethos of DevOps and Clean Code.
* Defined technical goals that provides web-scale business capabilities and have been leading the team to achieve these.
* Created company-wide policies and protocols in regard of technology, software engineering, governance and security. These policies enabled us to be a supplier of the UK Government's G-Cloud Programme.
* Managed the project and led the 10-person strong Innovate UK match-funded R&D project through 18 months, from start to finish to build our new matching engines and psychometric insights. Total budget: £550K.
* Designed the next-generation of our platform with microservices to support asynchronous execution and geographical partitioning with the potential support for ISO 27001 and [SOX](https://en.wikipedia.org/wiki/Sarbanes%E2%80%93Oxley_Act).
* Implemented the Scrum Agile project management with Lean components.
* Implemented the Continuous Delivery approach for the shortest possible time-to-market.

2011-2014

*Software Engineer Lead for* [*Capgemini*](https://www.capgemini.com/) (London, United Kingdom)

Sample clients: [Royal Mail](http://www.royalmail.com), [Parcelforce](http://www.parcelforce.com), [Post Office](http://www.postoffice.co.uk), [Bristol City Council](http://www.bristol.gov.uk)

### Impact

* Negotiated strategic partnership with startup technology vendor, which enabled Capgemini to integrate cost-efficient emerging technologies into the enterprise software stack.
* Led test and domain driven design and implementation of ecommerce-heavy user journeys.
* Integrated the web-tier applications with standalone and Software-as-a-Service (SaaS) endpoints, such as a market-leading CRM, payment gateway, credit and identity check, industrial-grade printable document output.
* Provided reusable software frameworks and patterns.
* Mentored and managed graduate software engineer talents.
* Represented Capgemini on international conferences, technolgy bootcamps and meetups.

2002-2011

*Founder & CEO of Mindworks Ltd* (Multiple offices, Hungary)

Sample clients: [Yahoo.ca](http://yahoo.ca), Hungarian Defence Force, [Koba](http://koba.be), [Institut Supérieur des Métiers](http://www.infometiers.org/)

### Impact

* Founded a distributed web development company and managed based on Agile and XP principles.
* Opened and managed accounts in wide range of sectors including Retail, Logistics and Government.
* Recognized the shortage of open-source solutions in
* Estabilished technical ownership of a web-based, desktop application like real-time battlefield visualization application for the Hungarian Defence Force (NATO member). The project was actively operated and developed for 4 years.
* Designed and led the implementation the backend of a website with complex analytics and video transcoding feature for the Canadian reality-singing competition called Exposure, the joint project of [Yahoo! Canada](http://yahoo.ca) and [CBC](http://www.cbc.ca).
* Delivered websites and interfaces to database assets of French and Belgian governments.
* Delivered one of the first, desktop-like Drupal application at scale. The software is had been running without major architectural change for years.

2005-2014

*Head for the* [*Hungarian Drupal Localization Community*](https://localize.drupal.org/translate/languages/hu)

### Impact

* Between 2007 and 2011, the Hungarian language was the most translated and supported language for [Drupal](http://drupal.org), the market-leading content management system.
* Managed a team of 166 contributors, 9 board members country-wide.
* Provided a unified grammatic and stylistic recommendations which used by other projects, such as [Firefox](http://www.mozilla.org/firefox) or [LibreOffice](http://www.libreoffice.org).

2001 (6 months)

Contributor to xMach, a microkernel operating system (Member of the Core Team). The project later taken over by [Apple](http://apple.com).

1997-2002

*Independent web developer, Linux/FreeBSD system administrator* (Veszprém, Hungary).

Sample clients: University of Veszprém, [Netpositive](http://netpositive.hu/en)

Side Projects

* Technical reviewer of [Mastering Concurrency in Go](https://www.packtpub.com/application-development/mastering-concurrency-go), [Mastering Go Web Services](https://www.packtpub.com/web-development/mastering-go-web-services), [Drupal for Education and E-Learning](https://www.packtpub.com/web-development/drupal-education-and-e-learning)
* Speaker at various conferences and meetups including SwanseaCon 2015 and Software Architecture Conference 2014.

## Technical Toolbox

Development lifecycle

[Atlassian](http://www.atlassian.com) stack (Jira, Stash, Fisheye, Confluence, etc.), [Phabricator](http://phabricator.org), [Jenkins](http://jenkins-ci.org), [Gitlab CI](https://about.gitlab.com/gitlab-ci/), [Capistrano](http://capistranorb.com), [Sonarqube](http://www.sonarqube.org), Git, Subversion, LXC, Docker, [New Relic](https://newrelic.com/), [Sysdig](http://www.sysdig.org/)

Actively used languages

PHP (18y+), Javascript (18y+), Node.js, HTML5, XHTML, CSS3, [Go](http://golang.org)

Development frameworks

[Drupal](http://drupal.org) (12y+), [Symfony](http://symfony.com) (3y+), Apache Spark, Apache Hadoop, Apache [Prediction.io](https://prediction.io/), Apache [Zeppelin](http://zeppelin-project.org/) Big Data BI

Databases

MySQL, MongoDB (certified), Couchbase, ElasticSearch, HBase

## Education

2013

*Certified MongoDB Developer*, *Certified MongoDB Administrator*

2012

[*Integrated Architecture Framework*](http://www.capgemini.com/resources/the-integrated-architecture-framework-explained) (the content framework of [TOGAF 9](https://prediction.io/)) - Practicioner Level

1998-2003

*University of Veszprém*, Master of Engineering Informatics (unfinished)

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