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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

Head of Product Development / Lead Engineer for [Intern Avenue](#) (London, UK)

Impact

- As the first technical hire at Intern Avenue, I built the technical team from scratch with the ethos of DevOps, Clean Code, Open-Source and Lean.
- Defined the technical goals that provides web-scale business capabilities and have been leading the team to reach these targets.
- 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 \(ACE\)](#) through 18 months, from start to finish to build our new matching engines and psychometric insights. Total budget: £550K.
- Designed the next-generation platform with microservices to support asynchronous execution and geographical partitioning with the potential support for ISO 27001 and [SOX](#).
- 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](#) (London, United Kingdom)

Sample clients: [Royal Mail](#), [Parcelforce](#), [Post Office](#), [Bristol City Council](#)

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, technology bootcamps and meetups.

2002-2011

Founder & CEO of [Mindworks Ltd](#) (Multiple offices, Hungary)

Sample clients: [Yahoo.ca](#), Hungarian Defence Force, [Koba](#), [Institut Supérieur des Métiers](#)

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
- Established 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](#) and [CBC](#).
- 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](#)*

Impact

- Between 2007 and 2011, the Hungarian language was the most translated and supported language for [Drupal](#), 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](#) or [LibreOffice](#).

2001 (6 months) Contributor to xMach, a microkernel operating system (Member of the Core Team). The project later taken over by [Apple](#).

1997-2002 *Independent web developer, Linux/FreeBSD system administrator* (Veszprém, Hungary).
Sample clients: University of Veszprém, [Netpositive](#)

Side Projects

- Technical reviewer of [Mastering Concurrency in Go](#), [Mastering Go Web Services](#), [Drupal for Education and E-Learning](#)
- Speaker at various conferences and meetups including SwanseaCon 2015 and Software Architecture Conference 2014.

Technical Toolbox

Development lifecycle [Atlassian](#) stack (Jira, Stash, Fisheye, Confluence, etc.), [Phabricator](#), [Jenkins](#), [Gitlab CI](#), [Capistrano](#), [Sonarqube](#), Git, Subversion, LXC, Docker, [New Relic](#), [OpenShift](#)

Actively used languages PHP (18y+), Javascript (18y+), Node.js, HTML5, XHTML, CSS3, [Go](#)

Development frameworks [Drupal](#) (12y+), [Symfony](#) (3y+), Apache Spark, Apache Hadoop, Apache [Prediction.io](#), Apache [Zeppelin](#) Big Data BI

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

Education

2013 *Certified MongoDB Developer, Certified MongoDB Administrator*

2012 *[Integrated Architecture Framework](#) (the content framework of [TOGAF 9](#)) - Practitioner Level*

1998-2003 *University of Veszprém, Master of Engineering Informatics (unfinished)*