Daniel Belden

Lead Software Engineer

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Summary

Hey, my name is Daniel but I prefer **Dan**.

I'm a software engineer with skills in PHP7, Go, Python, JS6 and also DevOps or SRE. Recently I've been working on restful PHP7 APIs, Golang pubsub workers, RPC Python microservices, Docker dev environments, CI build pipelines, and much more than will fit in this section of my CV.

I've worked in many engineering roles as a Junior, Senior, Contractor, Lead and even startup CTO. I currently work as a permanent member of Mercari's **100+** global engineering team; as a **Lead Engineer** based in London.

Experience

Mercari Europe Ltd (Mercari UK) / Lead Engineer
March 2017 - Present, London
PHP7, Golang, Docker, CircleCI, LAMP, LEMP, SQL, Solr, S3, GCD, ELK, GAE, Kubernetes, AWS, GCP

Day to day I work on the core api that is built on an internal PHP framework. This acts as an "api gateway" for our native and web apps. I also founded numerous sub-system microservices which are built on Symfony3 and Golang. The majority of data is persisted to a master/slave configured MySQL Database; but caches (Redis/Memcache) and NoSQL (GCD) are also leveraged based on data use case.

Shareight Ltd (Octer) / Chief Technology Officer
April 2016- March 2017, London
PHP5, LXC, Capifony, Capistrano, Jenkins, Cloudflare, SQL, NoSQL, ELK, LEMP, LAMP, Linode

After 18 months of consultancy with Octer, I was appointed their CTO to help manage the refactored event centric platform; and mentor the small engineering team with growth plans. My new leadership role was heavily devops centric though, in order to free the rest of the team to focus on service development. Their platform revolved around a Jenkins CI build and manual approved deploy pipeline. They operated dozens of VMs and LXC containers running LAMP/LEMP/ELK stacks.

Shareight Ltd (Octer) / Consultant PHP Engineer
September 2014 - April 2016, London
PHP4, PHP5, MySQL, Symfony2, Symfony3, RabbitMq, ELK stack, Redis, LEMP, LAMP, AWS

While working here as a consultant, I worked on various distributed microservices operating mostly on siren Json hypermedia REST pattern, XML queued feed downloaders and supporting the re-architecture of their monolithic startup codebase. The majority of the new refactored code written was in the

Symfony2/Symfony3 framework (PHP5), numerous caching, queue and storage engines were in use… with the support of third party bundles and libraries.

Think Finance UK Ltd (Sunny/Quid) / Senior PHP Developer
March 2013 - September 2014, London
PHP4, PHP5, MySQL, Zend1, LAMP, HTML, CSS, JS, jQuery, jQueryUI, Responsive (MediaQ)

My role at Think Finance involved working on their monolithic api application running on the somewhat infamous Zend 1.0 framework. Back when snake case class names and SVN versioning where the common approach. The role also leaned on some of my basic frontend skills with jQuery/jQuery Mobile, HTML/CSS, responsive sites and mentoring junior developers on the team. I left just as they were considering an upgrade to PHP5.6, which was long overdue.

Market Clusters Ltd (Various) / Junior PHP Developer
September 2011 - March 2013, London
PHP5, MySQL, Zend1, Symfony2, LAMP, HTML, CSS, JS, jQuery, XSLT

My first full time position in London, it required me to use my PHP skills honed during part-time University studies, to resolve bugs and expand the monolithic api application built on the Zend 1.0 framework. Alongside this we began prototyping a new product built on Symfony2; which really springboarded my career into Symfony development.

Orchard Internet Ltd (Orchard Hosting) / Junior PHP Developer
December 2008 - June 2011, Manchester
PHP5, MySQL, Codeigniter, Rapyd, LAMP, HTML, CSS, JS, jQuery, XSLT

This was a part time role whilst I was studying for my CompSci degree in Manchester; it involved mostly maintenance on their buggy billing and system maintenance tools. The limited greenfield development on offer, was on an in-house CMS built on the Codeigniter PHP framework and Rapyd, a lightweight CRUD library for building WYSIWYG editors.

Education

University of Manchester / BSc Computer Science
2008-2011, Manchester

I studied various modules including database design, software engineering and next generation web structure. I graduated in the class of 2011.

References

Available on request.