

David Fox

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Full stack PHP web developer based in London, with emphasis in backend code. I have particular experience with ecommerce and hospitality clients having been lead developer for multiple years for several clients. I have led teams on redesign projects, managing junior developers, client relations and designers. I have architected several microservices and backend integrations and have experience in cloud management, distribution and scaling.

Skills

Technologies

- PHP (5.3-8.1) - Advanced (Laravel 9, Magento 2, Zend, PHPUnit)
- MySQL 8, MariaDB - Advanced
- Javascript (React.js, Next.js, vanilla, jQuery) - Intermediate
- SASS, HTML5, CSS3, Tailwind - Intermediate
- Other technologies/software worked with: Kubernetes, Docker, Terraform, Git, JIRA, AWS, GCP, Redis, Nginx, Apache, Elasticsearch, SVN

Technical Skills

- Building and integrating REST APIs. Also have some experience with SOAP APIs.
- Building performant microservices
- Refactoring and restructuring legacy code
- Developing web pages from designs
- Adhering to best principles (e.g. PSR) when developing code
- Analysing data (e.g. GA, databases) to make informed decisions
- Optimising for SEO and accessibility

Other Skills

- Client communication - understanding requirements, suggesting solutions, organising task priorities and managing escalations and assisting through the full life cycle of a project (concept to release)
- Leading teams for smaller projects
- Organising schedules/timelines for larger projects

Experience

END. Clothing - 2021-present - Backend Developer

In-house backend developer for a fashion retailer. Focused on greenfield microservice development and distributed systems management. Built integrations between Magento and D365.

Tech Stack

Laravel (PHP), Magento (PHP), GCP, Terraform, Kubernetes, Docker, Next.js, React.js

Microservices

Lead developer for a project to rebuild the Magento checkout system using microservices, including shipping methods, cart totals, tax, customer logins and full product/stock validation. This included project spec and scope, running meetings with stakeholders, planning full API suite. Also built separate microservices for managing stock levels, retrieving product information, creating products, updating pricing, including kubernetes/terraform management of cloud scaling and communication with other microservices.

D3R - 2014-2020 - Developer

PHP full-stack web developer for a digital agency. Custom framework built on top of Zend with some Symfony components.

Ecommerce (aspinaloflondon.com, monicavinader.com, targetdarts.co.uk)

Managed entire ecommerce chain, from payment through stock/inventory to fulfilment and returns. Integrated with software including: SAGE, Microsoft NAV, Wincanton, Emarsys, Stripe. Client lead with two junior developers under me.

Hospitality (epicurean.club, bar31.com, thedeleunay.com)

Lead dev on several hospitality sites. Bespoke frontend layouts and integrations with Opentable, Staylists and others.

Other work

Improved and updated core systems (Zend backbone, payment systems, tax, cache, routing) Focused on making the framework PSR compliant and replaced key components with well-known and managed, open alternatives - (incorporating components from symfony, laravel etc). Implemented GDPR cookie solutions adhering to PCI requirements Refactored frontend CSS using ITCSS method, in order to make sites responsive

Other clients: westdean.org.uk, rokit.co.uk, brasseriezedel.com, Shangri-La at the Shard

WebObjective - 2012-2014 - Developer

PHP full-stack web developer for a small company using a WAMP environment. My role was mainly as a developer but also included some QA work and SEO.

Clients include: mediaguestconnect.com, webobjective.co.uk, gatwickflyer.co.uk, South London Locum Network, SchoolJourney

Education

University of Warwick - 2010-2013 - Bsc in Mathematics

References

DuShaun Alderson-Claeys (manager)

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Max Osman (colleague)

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Todd Francis (personal)

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