

Jez McKean

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Available for 100% Remote Working or near Chandler's Ford, Hampshire, UK

I'm a web developer, now concentrating on front-end UX/UI work, backed by 20 years of full-stack industry experience.



Professional Skills Summary

JavaScript

TypeScript

Vue.js, Nuxt, React, Next.js

Vanilla JS, jQuery, ES6+, AJAX, JSON

CSS

Advanced Sass (SCSS)

Foundation, Bootstrap, Tailwind

Semantic HTML architecture

REST API creation and integration using XML & JSON.

PHP (v5, v7+)

Various frameworks including Laravel.

MySQL: database architecture, maintenance and advanced querying.

Hybrid mobile app development using Cordova and similar.

Employment History

Gener8, Remote

Senior Frontend Engineer

Jun 2022 - Nov 2023

Primarily working with TS/JS, SCSS, etc. on React (Next.js) user-facing projects and Chrome/Firefox/iOS-Safari extensions, building new features and updating existing ones. Worked closely with the design team and stakeholders. Legacy-project maintenance.

Grip Events, Remote

Senior Engineer

Jul 2021 - Jun 2022

Learning TypeScript & Angular (11+) to work on new and existing features of the end-user experience. Working with the design team on UX matters.

Utilita Energy, Chandler's Ford

Principal Web Developer

Jun 2018 - Jul 2021

Developed a Vue.js/Nuxt.js-based Progressive Web App (PWA) and its PHP/Laravel-based API backend to replace the dated web 'customer portal' with a leading-edge version with improved performance, superior UX and increased maintainability.

Added payments (handling around £1m per day) and other features to the API and the hybrid app. I helped increase the app's user base to 275,000 customers and win the Best App prize in the uSwitch Energy Awards 2020 and the 2020 Southern Tech 100 'Best Use of Technology' prize from The Business Magazine.

I mentored and assisted the whole web team across the many varied projects supporting the business and its customers. Selected the tech stack for various projects.

Senior Web Developer

May 2017 - Jun 2018

Led the development of a Vue.js/Cordova hybrid app and an Alexa skill using Node.js. Jointly led the development of various MVC Laravel website / web-tool projects.

Profound Works Ltd, Winchester

Senior Full-stack Developer

Jun 2015 - May 2017

Led the development of a Cordova hybrid mobile app, using AngularJS & SCSS.

I was the lead developer for various WordPress builds & their maintenance, including plugin creation, selection & configuration.

Custom PHP development for bespoke systems. Colleague training and support.

Remarkable Content, Winchester

Head Web Developer

April 2013 - Jun 2015

Led various Concrete5 CMS builds, theme & addon development, WordPress builds and maintenance, including plugin creation, selection & configuration. Site administration, client support and training.

In-house CMS setup, theming and administration. Stand-alone static site creation (primarily front-end CSS/JS builds).

Debian/Centos server administration. Apache & PHP configuration. MySQL admin.

Jira and Confluence installation and administration. Domain name purchase and DNS administration.

Powder Blue Ltd, Winchester

Senior Web Developer

Aug 2008 - April 2013

Development of complex yet intuitive business systems (covering staff tasks, rotas, CRM etc) both from scratch and building on existing code.

Maintained and built various holiday booking (accommodation, flights, activities, equipment hire, etc) websites, many of which have 2-way interaction with third party systems.

Maintenance and support for various legacy systems. Trained new staff, managed junior staff. Internal systems development. Client relations and support.

Earlier work details available on request.

Education

University of Liverpool, **BSc (Hons) in Computer Information Systems.**

Shiplake College, near Henley-on-Thames, **3 A-Levels** in IT, Maths and CDT.

St Edward's School, Oxford, **10 GCSEs** in English, English Literature, Maths, CDT, French, German, Latin, Biology, Chemistry and Physics.

Other Qualifications

Foundation Certificate in DevOps from DevOpsGroup (2020).

BCS Foundation Certificate in Agile from BCS (2020).

Professional Diploma in UX Design from UX Design Institute (2019).

Selected Interests

UX: of all things - not just screen/technology-centric.

Future of **energy:** especially generation (e.g. tidal and solar power) and storage (e.g. powerwalls, microgrids).

Technology: 3D printing, Internet of Things; LoRa; Electric Vehicles; Home Automation.