

Jez McKean

A web developer, now concentrating on frontend UX/UI work, backed by 20+ years of full-stack industry experience.

Available immediately for remote working or near Chandler's Ford, Hampshire, UK

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Development Skills Summary

- CSS, including Sass (SCSS), Foundation, Bootstrap, Tailwind
- JavaScript / TypeScript, including Vue / Nuxt, React / Next
- HTML
- User Experience (UX) centred development
- REST API creation and integration using XML & JSON
- PHP (v5, v7+) including various frameworks such as Laravel
- MySQL, including creation and refactoring of database architecture and advanced querying
- A host of supporting industry skills, such as Bash Scripting, Version Control (Git, GitHub etc), build tools, etc.

Employment History

Gener8 Ads Ltd, Remote

Senior Frontend Engineer, June 2022 - November 2023

The primary focus was rebuilding all user-facing websites, adding new features and collaboratively problem-solving with the design team and key stakeholders to significantly improve the UX and its overall appearance. The role also included improving various internal systems' usability to streamline daily usage. The stability and feature-set of several Chrome / Firefox / iOS-Safari extensions were improved. Code review and mentoring / constructive feedback for junior engineers.

Skills used include: JavaScript (as TypeScript), advanced SCSS, React, Next.js.

Grip Events Ltd, Remote

Senior Engineer, July 2021 - June 2022

Implemented new features for, and continued development of, the end-users' web (including mobile) experience. Built and published the Grip Customer Data Platform npm package. Collaborated with the design team on UX matters.

Skills used include: JavaScript (as TypeScript) & Angular (11+).

Utilita Energy Ltd, Chandler's Ford and Remote

Principal Web Developer, June 2018 - July 2021

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

- Added payments totalling several million pounds per day to the API and the hybrid app.
- Increased the app's user base to 275,000 customers.
- Won the Best App prize in the uSwitch Energy Awards 2020.
- Won the 2020 Southern Tech 100 'Best Use of Technology' prize from The Business Magazine.

Mentored and assisted the whole web team of 6 across the many varied projects supporting the business and its customers. Selected the tech stack for numerous projects.

Senior Web Developer, May 2017 - June 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, June 2015 - May 2017

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

Also led a number of WordPress builds, including ongoing support and plugin creation, selection & configuration.

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

Remarkable Content Ltd, Winchester

Head Web Developer, April 2013 - June 2015

Led various Concrete5 CMS builds, theme & addon development, WordPress builds, including plugin creation, selection & configuration. Site administration.

In-house CMS setup, theming and administration. Stand-alone static site creation (primarily frontend 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, August 2008 – April 2013

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

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

Trained new staff, managed junior staff. Internal systems development.

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 regarding its generation (e.g. tidal and solar power) and storage (e.g. home batteries, microgrids).

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