

Jez McKean

*Seasoned web developer, now concentrating on front-end UX/UI work,
backed by 20 years of full-stack industry experience.*

*Worked within a wide range of companies; a two-person start-up,
web agencies, growing scale-ups, and a large national utility supplier.*

*Happy mentoring junior colleagues, working across departments, collaborating with mixed teams,
and delivering innovative solutions which push boundaries and exceed expectations.*

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

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Professional Skills

- HTML; CSS, including Sass (SCSS), Foundation, Bootstrap, Tailwind
- JavaScript / TypeScript, including Vue / Nuxt, React / Next
- 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.

Recent Employment

Freelance

Web Developer, February 2024 - to date

Various front-end focused projects.

Gener8 Ads Ltd, Remote

Senior Frontend Engineer, June 2022 - February 2024

Completely rebuilt the users' web experience; website and web-app.

Overhauled Chrome extensions, bringing them in-line with new branding and UX levels.

Worked with TS/JS, SCSS, etc. in ReactJS (NextJS) projects. Collaborated with Backend API developers to build new features and improve performance. Some legacy-project maintenance for in-house tools.

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

Grip Events Ltd, Remote

Senior Engineer, July 2021 - June 2022

Learnt TypeScript to work with Angular (11+) for new and existing features of the end-user and in-house admin experience. Worked with the design team on UX matters. Enabled automated testing.

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.

Senior Web Developer, May 2017 - June 2018

Led the development of a VueJS/Cordova hybrid app and an Alexa skill (NodeJS) for customers.

Jointly led development of various MVC Laravel website / web-tool projects.

Extensive SCSS and JavaScript development.

Grew the web development team from 4 to 12 members.

Profound Works Ltd, Winchester

Senior Full-stack Developer, June 2015 - May 2017

Built hybrid mobile apps using AngularJS & SCSS for PhoneGap/Cordova.

Specified custom PHP developments.

Built and maintained WordPress sites; selected, configured and designed & created WordPress plugins.

Trained and mentored junior developers.

Remarkable Content Ltd, Winchester

Head Web Developer, April 2013 - June 2015

Led various Concrete5 CMS builds, theme & add-on 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, August 2008 – April 2013

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

Created and maintained holiday booking (accommodation, flights, activities, equipment hire, etc) websites, most of which had 2-way interaction with third-party systems and APIs.

Provided maintenance and support for various legacy systems. Trained new staff, provided management of junior staff. Developed internal systems. Provided client relations and support.

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.

The future of **energy**: especially regarding its generation (e.g. tidal, wind and solar power) and storage (e.g. home-batteries, microgrids).

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