James **Dinsdale**

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I'm a web designer and developer, with a passion for empowering users through simple, responsive, accessible design.

Hey, I'm James.
I make websites.

Experience

Web Developer
Mindworks Marketing   Apr 2015 - Present

Developed a bespoke e-commerce website and membership database for the Royal Marines Association, automating manual functions such as processing standing order payments by parsing bank statements, and automatically generating event tickets. Led the rollout of continuous integration testing and version control across the agency. Provided support, bugfixing and new development for a wide range of clients including Suzuki GB, Serious Sport, and Rolls-Royce Motor Cars.

Web Designer & Developer
Hottrax Motorsport (Contract)   Mar 2014 - May 2015

Redesigned a busy motorsport events e-commerce website. Included building a bespoke CMS and admin console using Laravel, and building the site on top of this.

Automated a lot of the functions previously carried out by staff manually. Built a very complex e-commerce system, which includes variable pricing based on the status of a user's membership and current/previous purchases and orders. Added social features to the site, increasing user engagement.

Web Designer & Developer
Omnia Software (Contract)   Mar 2013 - Sep 2014

Designed and Developed a responsive front end, and some back end functionality of a brand new Legal Costs Budgeting application.

Redesigned the UI of the entire web application, and implemented reusable CSS styles and JavaScript functionalIty throughout the app. Built a highly robust filtering system using PHP, which became the apps flagship feature.

Front-End Developer
Tait Design (Contract)   Sep 2013 - Feb 2014

Developed the front and back end of three responsive websites on behalf of graphic design agency Tait Design.

Delivered all three sites within time and budgetary constraints. Particular achievements included implementing a complicated parallax scrolling effect on one site, which worked responsively.

Database Administrator
Ministry Of Defence   Oct 2010 - May 2013

Responsible for the MOD's self-service human resources application and database. Also delivered secondary technical support and monitoring for ~100 other databases within the organisation.

In two years I transformed this system into one that is now largely self-supporting, including automated backups, environment refreshes, disaster recovery and server housekeeping.

Open Source

The large number of Open Source contributions I have made can be viewed on my Github profile.

Here are some of my more notable projects:

Interrogate
: a lightweight, standalone object relational mapping (ORM) for PHP.

Amnesia
: a simple to use caching library for PHP, with support for multiple back ends such as Redis, Memcached and the Filesystem.

Phillip
: a PHP unit testing framework, designed to be simple and easy to use for smaller projects.

Pug
: a PHP web app framework, currently a Work in Progress.

Zulu
: a ZSH environment framework and plugin manager.

ZUnit
: a powerful testing framework for ZSH projects.

Roots Image Pipeline
: a plugin for the static-site generator Roots which automatically resizes and compresses images and generates responsive picture elements. Built in CoffeeScript.

Skills

As well as a keen eye for design, I have extensive front-end and back-end development experience with multiple technologies, including:

PHP
: including bespoke package development, and building websites using the Laravel and Nano frameworks

HTML
: using templating engines such as Jade, Mustache and Laravel Blade

CSS
: using SASS, LESS, Roole and Stylus

JavaScript
: using CoffeeScript, jQuery and MooTools, as well as writing Node.js packages in both JavaScript and CoffeeScript

Crystal
: using the Kemal web framework

Shell Scripts
: using ZSH, Bash and KSH