Ben Gooding

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👤 Profile:

Full stack web developer whose skills including frontend (HTML5 + CSS + JavaScript) and backend LAMP (Linux, Apache, MySQL & PHP) design & development, website hosting & server management. Looking to expand my knowledge and experience with a Node.js tech stack, ideally with Vue.js and Express, although I could pick up other JS frameworks given a little time.

🛠 Skills summary:

Front-end development:

HTML5, CSS3, SCSS (Sass) & LESS, JavaScript (ECMAScript 2015+, Vue.js, jQuery, Dojo Toolkit), Zurb Foundation, Bootstrap, Compass, Gulp & Webpack.

Back-end development:

PHP (CodeIgniter), MySQL, ArangoDB, Concrete5, Express.js, feathers.js

Server management:

WHM, cPanel, SSH, CentOS, Vim.

Other Software:

Git, Kubuntu (Linux), PhpStorm, Firefox development console, phpMyAdmin, VirtualBox, Gimp, Inkscape

⚙ Notable web development:

ExtraMed

I designed/implemented the frontend to ExtraMed's configurable form system. Configurable forms allow hospitals to create/edit their own nursing assessments such as the National Early Warning Score (NEWS). I wrote the user-friendly frontend configurable-form-builder using Vue.js which generates XML output.

Hospedia

I implemented a *"Dementia Orientation Screen"* which is a web page that runs in hospital bed side units. It tells the patient their location (Hospital name/Ward); the current time; and the time of their next meal. The patient can click *"speak"* and text-to-speech software will read those details aloud to the patient.

Amongst other team projects, we implemented a TV guide for the media system, I created the frontend.

www.bedposts.uk

Built using Zurb Foundation 5, jQuery, PHP and MySQL this website is a UK wide B&B and hotel finder.

- Live hotel availability from laterooms.com using Lateroom's XML feed.
- Responsive design using Zurb Foundation.
- Maps are generated using Mapbox.
- MySQL database of 9300 hotels across 43000 town and villages.

www.bedposts.org.uk

The *"Read about"* pages built using Zurb Foundation 5. Payment to subscription service powered by *"Stripe"*. This website runs *"Invision Power"* forum software. A custom built control panel built using Dojo & PHP allows members to add and update their hotel/B&B advert on www.bedposts.uk

www.internet-results.ltd.uk

My company's own website detailing our products. I created our company's billing system using PHP and Dojo Toolkit. I built our own CRM tool, allowing us to quickly look up a customer while talking on the phone and view their details. It has an automated recurring billing system which emails customers and allows one-click login via a link to their account where they can pay their bill.

www.thor.org.uk

This website runs a hotel and B&B reservation system that I built using PHP. It includes a height re-sizing iframe widget that users can add to their own website to display their availability.

📝 Work history:

Hospedia   2016 - Present

Part of a team continuing to develop and maintain "*Patient Flow Management*" software. This software replaces hospitals' traditional whiteboard method of tracking patient flow from emergency departments through to admission or discharge. Runs on a Microsoft IIS platform written in C#, jQuery, Bootstrap 3.

Also, part of a team continuing to develop and maintain "*Patient Bedside Media*" software. Films-on-demand, TV, TV guide, audiobooks and meal ordering, are accessed through a Hospedia bedside terminal. Built using CodeIgniter v2.x, jQuery, without a CSS framework. On top of a larger backend written in Java with Mule (enterprise service bus) accessing a PostgreSQL database.

Internet Results Ltd (Marlow)   2005 - 2016

Company director. Full stack web developer, sales, accounting, customer support + tech support. Sales, design, creation, maintenance and hosting of 200+ websites.

St Bernard's Secondary School, (High Wycombe)   2003 - 2004

Mathematics teacher. Planned and delivered lessons, marked homework.

Maritz (Marlow)   1999 - 2001

Software tester. Planned, documented, executed tests. Liaised with users and developers. Responsible for training users and writing user documentation. I was responsible for Y2K testing.

🎓 Education & Qualifications:

Brighton University   2002 - 2003

PGCE Subject Conversion - MATHEMATICS

Manchester University   1995 - 1998

B.Eng. ELECTRONIC & ELECTRICAL ENGINEERING

St Bernard's Secondary School, High Wycombe   1989 - 1995

A Levels: Computing (C), Mathematics (C) & Physics (D)

GCSEs: Computer studies, Integrated Science, Mathematics, Craft Design Technology, English language, English Literature, Religious Education, French, Design & Communications.

🎗 Interests and hobbies:

Playing with my two little girls. I also enjoy cooking, gardening, DIY, swimming, 10K runs, visiting historic churches & castles, chess, stargazing, watching live music and keeping abreast of news and politics.