Mart Dingley

Full Stack Web & Application Developer

Experienced Web Developer offering close to 20 years experience with a solid design background and skilled in the full stack - PHP, MySQL, JavaScript, HTML, CSS, & Git

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I am most commonly working with the Laravel Framework and progressive frontends using Vue.js along with server setup, configuration, support and maintenance.

Notable Projects

Serverless

Responsible for setting up the infrastructure for serverless conversions of administrated video files using Amazon Elastic Transcoder into HLS formats. This utilised Node running on Lambda supported with CloudWatch, Pipelines, SNS, SQS, S3, AIM, & CloudFront.

The model and process was proved to be extremely successful and shortly after launch had generated considerable traffic which converted to paying subscribers and was later white labelled and began to fill the voids in other areas of the market.

Multi-Tenancy

Designed, developed and built a multi-tenant insurance system that would enable brokers to create tenants that calculates and sells insurance for storage solutions. Customers and operators can generate quotes based on their storage contents and value which can be either fixed for a period of any given amount of months or a rolling charge every 28 days.

New Technologies

Instigated the development of mobile applications written in Dart using the Flutter framework which illustrated this could save time and offer an alternative competitive pricing structure for sales to pitch. Three years on, this is now the primary language for all mobile development within the company when building apps as of 2022.

Tooling

Creating tools that work alongside existing businesses that enhance and encourage the growth of sales, this ranges from;

- Complete applications allowing customers to build and design custom glasses on many varying models of Oakley Sunglasses while optionally allowing for prescription lenses
- JavaScript tooling allowing customers to generate quotes and samples from storyboards with catalogued assets
- An applications for designing and creating a specification for Vending machine surrounds that go directly to manufacturing
- Custom map integrations that allow admins to plot and build paths/routes for directions on maps offered for sale via in-app purchases

Skills

PHP PHPUNIT

MYSQL HTML CSS

JAVASCRIPT GIT

Interests

I enjoy playing baker, barista and chef at home. Outside, I enjoy camping, running, cycling and the generally being in or near to the sea.

References

Available on request...

Senior Developer

February 2014 - February 2022

Createanet
Torbay, Devon

- Visualised & designed suitable Database Schemas
- Assisted in project planning
- Resolved bugs, errors and performance issues on existing systems
- Mentored and supporting peers
- Performed system administration tasks for Linux servers
- Prepared Linux environments for continuous integration and development(CI/CD)
- Reviewed and audited server security
- Complaint handling & resolution
- Built full systems from specification written in PHP & MySQL. Inclusive of frontend, backoffice CMS, emails and where necessary a RESTful API in a Monorepo
- Worked with Bitbucket Pipelines to automatically run test suites
- Designed and documented API Specifications for 1st and 3rd parties
- Technical lead in client meetings
- Defined & communicated technical & design requirements
- Developed hybrid mobile applications written in JavaScript using Angular(TypeScript) and the Ionic Framework

Lead Designer/Developer

November 2007 - January 2014

Createanet
Torbay, Devon

- Worked predominately with Slim Framework 2.* and/or Wordpress
- Built RESTful APIs for mobile application consumption
- Handled integrations of payment providers eg. *PayPal, Global Payments, Stripe, Braintree, World Pay, Monek*...
- Maintained and developed PHP Ecommerce platforms
- Defined & communicated technical & design requirements
- Integrated Git into legacy projects
- Maintained and Fixed bugs on legacy projects
- Created branding packages including: Logos, Business Cards, Brochures, Letterheads, Typography, Packaging/Stationary, Shopfronts, Style Guides.
- Developed hybrid mobile applications written in JavaScript using *Backbone.js*

Web Designer & ActionScript Developer

March 2006 - October 2007

Createanet
Torbay, Devon

Played a key role in moving the company forward with accessibility. This involved taking the companies core product and migrating the platform over to a more robust, accessible and semantic HTML & CSS structure.

- Game development for viral reachability programmed in ActionScript
- Flash applications written in OOP Actionscript 3.0 to function alongside an existing ecommerce platforms(s)
- Dynamic animated portfolios using ActionScript, PHP & XML

Web Designer

October 2003 - March 2006

Propeller
Leamington Spa, Warwickshire

My job was to create and develop internet strategies to showcase bars and restaurants predominantly in and around London Soho while handling art design and programming(HTML, ActionScript, XML, ASP).

- 'Webby Honoree' for the development of William Grant & Sons International website 'Monkey Shoulder'.
- 'Best bar website of the year 2004' as selected by Theme Magazine London

Publications

.Net Magazine
Future publishing offered me the opportunity to contribute a four page tutorial to .netmag (Issue 185) giving details to developers on how they may design and build an interactive map programmed with ActionScript.

Education

University of Plymouth
BSc MediaLab Arts, Multidisciplinary New Media
2001 - 2003

Rugby College
City & Guilds - (CAD) Computer Aided Design
2000 - 2001

Royal Leamington Spa College
BTEC National Diploma, 3Dimensional Design & A Level Art and Design
1998 - 2001