

Megan Davidson: Curriculum Vitae

Profile

I am a motivated individual and am always willing to step outside my comfort zone in order to learn new and improved skills and techniques. I am a proficient programmer in multiple languages and can easily adapt to working under pressure within any IT environment. I enjoy working as part of a team to achieve the required goal, but can work just as easily on my own. While my specialism is PHP, I also code in Javascript (es5 and es6), HTML, CSS including SASS preprocessor scripting language and several other front end languages/technologies. I am logical and thorough in my coding and presentation and documentation are very important to me.

Personal Details

Name:	Megan Davidson	Nationality:	British
Email Address:	hello@insanekitty.co.uk	Based in:	Gloucester
		Availability:	4 Weeks
		Commute:	Yes (30 mile radius)

Skills

Development

- PHP and modern OOP practices and design patterns
- Package managers including Composer and NPM
- MVC Frameworks including Laravel and Symfony
- RESTful API providers and consumers
- OAuth and Basic Auth
- Functional testing and unit tests (TDD)
- Proficiency in Javascript, Python, Swift
- Good knowledge of front-end development.
- Puppeteer and Selenium for web browser automation
- CSS, SASS and LESS preprocessor scripting languages
- HTML and Javascript (es5/es6)

Databases

- MySQL (and derivatives including MariaDB) and Sqlite
- Abstraction libraries such as Eloquent and Doctrine

Frameworks

- Laravel
- Symfony and Silex
- Electron and ReactJS
- ReactNative
- VueJS

Server Skills

- System Administration on GNU Debian based systems including setting up web and email servers, such as Apache and Nginx and Postfix
- Docker container technology
- Basic working knowledge of Kubernetes and Google Cloud, AWS

Other

- Agile software development
- Git distributed version control system, including Git Flow for branches using a peer review system
- Pair programming

Employment History

Senior Web Developer - The Lines Group, Gloucester

11 November 2018 – Present

At Lines Group we are an agency that focuses on top quality web and app development. Helping the company to move in a direction that further increases the quality of work we produce. I've been instrumental in helping move the company from manual deployment to Git automated deployments and work in a more agile environment to embraced some of the latest technologies including ReactNative for rapid app development. Some of our clients

include Libra Energy, The Dwyer Group, McConnel, Drain Doctor where we have created bespoke desktop and IOS applications.

Web Developer - BaseKit Platform Ltd, Bristol

01 March 2009 – 11 November 2018

I started at Basekit when the company was a small startup. My primary role is PHP Developer, working on our website builder which has been used by companies including Amazon and Google. As with any web developer role it has involved a certain amount of flexibility: I have also worked on front end systems and helped to develop BaseKit's V7 frontend framework that consumes our in-house RESTful OAuth API. During my time at BaseKit I have used frameworks as the company has evolved. BaseKit has grown from using an in-house frontend to backend communication system to using Silex as the RESTful API provider with TWIG as the main templating engine. We have recently moved to a full docker environment to enable continuous deployment.

Our testing environment uses Puppeteer and Selenium with Appium automation framework, which we use on our own development machines to provide a fluid and constant development environment. We use Github and branches for any feature work and rely heavily on pull requests to peer review each other's work, along with actively encouraging pair programming. Additionally, I have been responsible for integrating numerous third party libraries including Getty and Intercom, and payment gateways such as Klarna into our website builder.

Web Developer/Programmer - twentyfive creative, Gloucester

24 December 2003 – 01 March 2009

My role involved designing and building client websites, intranets and Content Management Systems using PHP and incorporating many of the most up-to-date web 2.0 technologies where applicable, encompassing Javascript, AJAX, XHTML and CSS to provide a rich user experience. My responsibilities included ensuring all sites adhered to W3C and WAI level 1/2 and were fully accessible to all users. A major project was the construction and setting up of a web server and website for Volkswagen Commercial Vehicles. Other clients included Fleetway Vehicle Rentals, Crescent Suzuki racing team, and Wayside Group.

Security Development Engineer - Serco Justice, Gloucester

1 October 2002 – 24 December 2003

This involved the implementation and day-to-day support of Pentasafe IDS systems; providing analysis and forensics on intrusions; providing support to Network Consultants with penetration testing both internally and to clients; and advising on securing and setup of Apache and PHP, E-mail (Postfix) and DNS (Bind) on both Windows and Linux within a secure environment.

Computer Systems Administrator - MM Group, Bristol

1 October 2001 – 1 October 2002

This involved system administration of Windows NT4, Windows 2000 and Redhat Linux servers and implementation and planning the moving of BSD servers to Redhat Linux systems, including integrating Samba into existing Windows Domain; sendmail administration and e-commerce solutions; mailing lists; database and website development using MySQL and PHP; website hosting using Apache for commercial customers; and development and implementation of internal CMS and Management Delivery System.

Various employers

10 July 1989 – 30 September 2001

Various jobs - full details can be supplied on request.

Education

Bishop Perowne High School, Worcester

September 1984 – May 1989

8 GCSEs including English, Mathematics and Physics

Personal Interests

When I can tear myself away from my computer and coding, my second love is motorbike trail riding on green lanes around the UK. The ability to work as part of a team is crucial in these situations to help less experienced riders and to work together and solve problems when things go wrong. I also enjoy listening to music and caring for my cats.

References

Full details can be supplied on request.