James Hudson - Software Engineer

PROFILE

Self-taught and driven to find the best solutions. I am always looking to find the most effective and cleanest way of writing software. Trying to understand the whole process to deliver the best value for clients. Keen to learn and always curious. I take a simple over easy approach as I found this leads to better maintainability.

I have worked in development teams of all sizes, as well as on my own and I am comfortable working with developers of all abilities.

KEY SKILLS

- Excellent rapport skills, able to cater for a wide variety of learning styles and to communicate at all levels with enthusiasm and confidence.
- Working to a timeline and under pressure.
- Ability to absorb new information and developments and disseminate knowledge to all levels and abilities.
- 5 years working with PHP. Comfortable with debugging tools such as Xdebug and PHPUnit
- Experience with a variation of database technologies - MySql, MongoDB and REDIS
- Experience with common web technologies Vue.js, React.
- Experience with most Laravel versions and other tools from Laravel Including Jetstream, Passport and Sanctum.
- Creating and updating documentation.
- Designing and implementing Restful API's.
- Comfortable with various Linux distros such as Ubuntu, Alpine and CentOS.

CAREER HISTORY

December 2019 - Current	**Software Engineer**	Pod Point
		Discovery House, 28-42 Banner St, London EC1Y 8QE

- Working in a squad under the guidance of a lead developer.
- Writing Clean and concise code
- Maintaining legacy IoT systems
- Implementing new services as well as features and performance optimisations.
- Peer code reviews using GitHub
- Continuous integration with GitHub Actions and Travis CI
- Continuous deployment with OpsWorks (legacy) and AWS CodePipeline
- Docker for local development environments as well as performance tuning for Mac
- Writing unit and automated tests - test everything!
- Working with UX designers to implement customer facing sites
- Using tools to analyse for code smalls and code styling - PHP-CS
- Organising and attending agile ceremonies.

My responsibilities changed over time from working across multiple squads. I have worked on everything from internal tools to B2C services. Deploying regularly and often to multiple services.

July 2019 - September 2019	**Contract Full Stack Developer**	Metronome
		Level 4, 25 Ross Street South Melbourne VIC 3205 Australia

- Working directly under the technical lead to help maintain a property listing site
- Maintaining multiple Symfony 3.4 services and API's
- Maintaining multiple Vue.js sites and implementing new features
- Working in an Agile process

Working with the technical lead to help develop features for Apartment Development a property website in Australia. My main focus was working on the Rest API built in Symfony 3.4 as well as developing frontend features in Vue.js. Working on my own to complete the tasks to the requirement.

October 2017 - April 2019 1 year 7 months	**Developer**	Nimbus Hosting
		1 Centrus, Mead Lane, Hertford SG13 7GX

- Mainly developed and maintained PaaS
- Worked along with the lead developer to help scope features
- Created scripts to manage server configurations for Ubuntu
- Religiously write unit tests
- Redesigned server-client agent in Golang

Working alongside the lead developer to add new features to STORM. My role and responsibilities developed over my time at Nimbus to include developing and managing Microservices within STORM and other Nimbus products and services.

April 2016 - October 2017 1 year 7 months	**Php Developer**	Civica Digital
		76 Hammersmith Road, Hammersmith, London W14 8UD

- Modernising legacy systems using Laravel
- Supported customer support with ITIL processes
- Data integration with ETL tools such as Talend
- Following Agile processes
- Worked with different governments department.
- Vagrant and VirtualBox
- Managed WordPress sites
- Followed Git flow

My time at Civica was spent working under the lead developer. I assisted with both the development and support of several for the British Government. Working with a range of different technologies to complete the projects to the clients needs.

February 2015 – April 2016	**Software Developer**	Cyrex ltd
1 year 3 months		Unit 36 Hoddesdon Industrial Centre, Pindar Road, Hoddesdon, Hertfordshire EN11 0FF United Kingdom

- Programming embedded devices with C/C++
- Creating and managing medium to large websites
- Developing WordPress plugins in PHP
- Designing and developing Wordpress Themes with HTML, CSS and Javascript
- Designing, developing and testing Android apps in Java
- Bluetooth software development for embedded and Android

During my time at Cyrex ltd I developed their E-commerce website which is based on the WordPress platform and Woocommerce Plugin.

I developed bespoke plugins for Wordpress in Php which included handling multiple currencies, Gateway Payments, Custom WordPress post types and tracking order status. I also used composer to help develop and maintain my Php code.

 I also developed WordPress core theme with Twitter Bootstrap, Sass with the Compass Framework and Javascript.

EDUCATION / TRAINING

2007 - 2011	Brandles School	Brandles School, Weston Way, Hitchin. Herts SG7 6EY
	English Maths ICT Drama Art	

2011 - 2012	Oaklands College of Further Education	The Campus, Welwyn Garden City, Herts AL8 6AH
	Btec level 2 in Creative Media	

2012 - 2013	Hertford Regional College	Scotts Road, Ware Herts SG12 9JF
	Btec level 2 in Software Applications	