

Kevin Matthews

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Multi-skilled Amazon Web Services (AWS) Solutions Architect, DevOps Engineer and PHP contractor with over 15 years of commercial experience. Seeks a challenging and varied position that will enable me to capitalise on excellent technical and project management expertise with opportunities for personal and professional growth.

KEY SKILLS

- 5 years of commercial AWS and DevOps experience with an in depth knowledge of the services available and how to use them to decouple applications, monitor and debug servers and help bring costs down using alternative methods.
 - 15 years commercial OO PHP experience with a strong understanding of OO, MVC and database design / development as well as off the shelf products including Wordpress, Magento, Opencart, OsCommerce, Joomla, Drupal, and Silverstripe.
 - Excellent knowledge of numerous Amazon Web Services and maintaining cloud servers. Completed the QA Systems Operations course and passed the AWS Solutions Architect Associate exam in May 2019
 - Excellent knowledge of software development, database design and development including SASS, Less, React, PHP5, CSS3, JSON, Python, ServiceNow, Javascript, jQuery, HTML5, MySQL, CakePHP, Symfony, Zend 1 & 2, and Laravel
 - Native mobile app development using React-Native and libraries such as Native-Base
 - Practical knowledge of Distributed Version Control Applications, Dependency Managers and Automated Builds - SVN, GIT, Composer, ANT, Jenkins, CodeDeploy
 - PHP Template Engines including Twig, Smarty and Blade
 - Extensive automated Testing experience with Behat, PHPSpec and PHPUnit
 - Skilled communicator, able to influence across boundaries
 - Able to forge strong relationships with staff and clients alike
 - Proven track record directing teams to timely project deployment using industry best practice.
 - Possess broad knowledge of technologies ranging from desktop to mobile
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PROFESSIONAL EXPERIENCE

KM Software Ltd

May 2018 - Present

Sole Director and Consultant

Built a mobile application using react-native for a facilities management that allows existing users to log in and manage their account, this uses AWS Api Gateway and AWS Lambda to provide functionality without the need of touching existing codebase.

Worked with Liverpool Football Club to help them move to a fully reproducible automated cloudformation architecture and produce custom API services in order to implement Single Sign On solutions to connect with API Gateway and Cognito.

Implemented a PSD2 payment gateway building on the original payment structure I had built previously. Used DynamoDB in order to create a serverless version of the season ticket waiting list which can be used on any system going forward.

Worked with www.bettersportcoach.com to develop an online AWS environment which houses an app I developed for an online video streaming and CPD website based on sports coaching, site was built from scratch using Symfony 3.4 and the Sonata Project, and was launched beginning of February 2019.

Worked with www.myfeexpert.com to create a fee estimate and matter system for law firms to help them estimate costs when working with clients and creating new legal matters, this was also built from scratch using Symfony 3 and Sonata and hosted using Elastic Beanstalk within AWS

Numerous other freelance projects such as <http://www.torvikfm.co.uk>, <http://www.beautyholistics.co.uk> and <http://www.dreamgardens.uk.com/> built using october cms, wordpress and grav respectively.

Astute SAM Ltd - <http://www.astutelicensing.com>

November 2017 - Present

Joint Director and Chief Technical Officer

Solely created the award winning AstuteLDM software which won Innovation of the year 2017 at ITAM followed by a Gartner Cool Vendor for ITAM award in 2018. This software is the only proactive tool available within the SAM industry to ensure businesses can manage their most important enterprise software contracts by ensuring governance is followed and therefore permanently stopping software licence compliance. Set up the Infrastructure that runs the systems worldwide and monitors the upkeep of the servers along with auto scaling / load balancers and environments.

Liverpool Football Club - <http://www.liverpoolfc.com>

March 2015 - May 2018

Software / DevOps Engineer

Worked on a number of high profile projects including implementing social login, changing the full payment gateway for all fans, taking memberships, revamping the entire site, producing customisable forms through the use of blocks, creating secure admin access to different parts of the business to allow them to manage their own information, ensuring the site availability stays high throughout busy periods such as football matches and transfer notifications.

Automated testing using Behats, PHPSpec and PHPUnit were used along with PHPMD and Codesniffer rules for coding standards

A number of AWS services used and monitored including Lambda, API Gateway, SNS, SES, EC2, Security Groups, RDS, Cloudformation, CodeDeploy, Dynamodb, S3 and Elasticsearch.

Created a python based serverless api solution using lambdas, api gateway, sns and sqs which can be torn down and extended using Code as infrastructure (cloudformation) to provide a multitude of functionality to existing systems and to help connect third parties.

Harvey Walsh Limited - <http://www.harveywalsh.co.uk>

December 2004 - March 2015

Senior Software Developer

Worked with numerous pharmaceutical companies and the NHS to provide bespoke solutions to individual problems and work with a data warehouse with over 60 million records a month being added. Using this the company won the coveted 'Communique Awards' and was acquired by Open Health in 2012.

Created bespoke API's and dashboards using jQuery, and JSON to deliver offline Ipad solutions to field based pharma staff.

Worked with the NHS to become knowledgeable of MIQUEST & HQL and find solutions which can help GP's find patients that are at risk and produce reports in a friendly and interactive UI so it can be understood clearly.

Responsible for conducting interviews and giving advice on the best employees to hire

Used Twitter API and RSS Feeds to build a responsive portable news system that could be implemented in a number of applications to provide tailored information to different organisations.

EDUCATION

- **May 2019 - Certified AWS Solutions Architect Associate**
- **November 2017 - Systems Operations in AWS**
- **September 2000 - July 2004 - Liverpool John Moores University**
Honours Degree in Bsc Multimedia
- **September 1998 - July 2000 - Knowsley Community College**
GNVQ Advanced Level 3 in Information Technology

INTERESTS

Like to keep fit by playing a weekly 8 a side football game, attend crossfit workout classes and swim. I also like to spend time at home with my wife and 2 children.

I always try to keep up to date with coding standards both backend and frontend and trying new frameworks in my own time. Trying to keep up to date with new AWS services and trying new methods of using the services in order to work in a more serverless environment.

I am currently working towards the Certified AWS Developer Associate examination and i'm going to be taking certifications in Kubernetes, Docker and AWS security in the coming year.

Playing with different hybrid systems such as Cordova and Ionic and using React-Native to build native feature rich mobile applications.

REFERENCES

Available upon request