

Kyle Pretorius

Senior PHP Developer / Dev-ops

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Over 15 years of experience in software development with expertise in PHP, MySQL, and AWS. Proven track record in refactoring legacy code and implementing efficient solutions. Skilled in CI/CD deployment and working with various cloud providers. Well-versed in Laravel and Symfony frameworks. Transitioned projects to serverless architectures and stress tested for efficiency.

WORK EXPERIENCE

MyFinanceClub • London **04/2023 - Present**

A UK-based company operating in London that provides short-term loans and solutions within the fintech sector.

Senior Software Developer • Full-time

As a senior software engineer in the company, I work on our various micro-services and monolith projects. This varies from refactoring legacy code to re-engineering better solutions in more up-to-date frameworks such as Laravel. We make use of the various AWS services and MySQL, for our database structuring and follow a well-maintained CI-CD deployment flow.

Patchworks • UK London **05/2021 - 03/2023**

Technical Lead • Full-time

Patchworks is a leading integration platform for fast-growing retail clients that manage high volume of requests per day. Part of my responsibility is both developing and making our current projects more efficient and streamlined to handle high volume loads through our Rest-api. In growing with the company, I've dealt with the infrastructure which is done in both Digital Ocean & AWS cloud providers. Making use of Cloudformation and Kubernetes we keep up with the latest tech stacks. Our projects are typically built in Laravel of various versions, making use of many resources for caching, different DB options & queueing systems such as Rabbit/Redis/SQS. One of my main projects was working on a serverless stack, making use of Lambda, SQS, Laravel compiled application, Redis and Aurora PostgreSQL for storage. This was further developed to cater for multi-tenant clients handling high volumes.

So-sure • UK London **11/2020 - 05/2021**

Backend Developer

SKILLS

- Amazon AWS
- DevOps
- GitHub
- Kubernetes
- Laravel
- MongoDB
- MySQL
- PHP
- Python
- RabbitMQ
- REST API

EDUCATION

Grade 12 / Senior Certificate

Fairmont High School
Cape Town

I.S.E Diploma

C.T.I
Cape Town

CERTIFICATIONS

AWS Certified Solutions Architect - Associate

01/2020 - 01/2023
AWS

AWS Certified Developer - Associate

01/2020 - 01/2023
AWS

So-sure is a mobile insurance company offering mobile and household insurance to the UK marketplace. I am involved in maintaining and building the backend that runs the API and Mongo database that is based on Symfony framework. My main focus has been refactoring and finding better solutions to improving the backend to delivery faster more reliable code, as well as looking into some devops/infrastructure solutions to improve us going forward with AWS.

Hyve Mobile • Cape Town

08/2016 - 11/2020

Senior PHP Developer / Dev-ops

HYVE is a next-generation Mobile Content and Value-Added Services platform. Our cloud-based service delivery platform lets mobile operators rapidly deploy rich content offerings over WAP, USSD, App and SMS. We focus on developing using the latest technologies and standards. The goal is to rather delivery quality reliable software over mass produced by following the below: My role has evolved while working at Hyve. My main focus has always been building REST API's and SDK's in PHP. This involved deploying our projects into AWS Opsworks making use of Chef recipes and Opsworks Stacks. This has then turned into migrating these apps into Kubernetes and moving our infrastructure/projects into various set EKS clusters, as we saw the great benefit of deployment with K8. After a few years with the company I started moving more into managing and focusing on the devops side of things and handling smaller AWS tasks to alleviate the load off the current devops team. This grew to taking on more tasks as I studied and completed my 2 AWS certificates and handling more of the infrastructure with terraforming. Now I work on the building and devops of applications, while at the same time documenting on how we should standardize the way going forward

- Building API's following PSR-4 compliance and set standards.
- Rebuilding and finding better solutions to package and build software into SDK's to be re-usable in future deployments.
- Planning and designing of projects entirely before implementation.
- Undergoing unit testing and assertions

iConnect SA (PTY) Ltd • Cape Town

09/2012 - 08/2016

Software Developer

I worked as a PHP Software Developer for a telecommunications company that focused on VoiP and data connections. As a developer we focus on the performance and improvement of the business portal. Through this portal, all the information running through company is handled, used and displayed. This portal having complex functionality and ongoing changes, keeps the development team constantly finding ways to improve and add to it. My skills currently focused on is: HTML PHP Python MySQL - Events/Triggers/Functions/Stored Procedures SSH / Putty Linux Administration (e.g running crons, managing backups, basic linux commands) WINSXP CSS AJAX - Majority of the portal runs with Ajax JQuery/Javascript Yii PHP Framework GIT / SVN - both repositories have/are being used We typically manage our own work, with the assistance of a Scrum master to allocate our tasks into sprints. Projects are given a spec, to which we govern the amount of time to handle what functionality/task we need to improve or add to.

Evly • Cape Town**02/2012 - 09/2012****Front-end Developer**

HTML CSS/CSS3 Javascript/Jquery Facebook Applications We focus on our applications that runs through Facebook and able to make this integrate to any person wanting build a project through the user-friendly wizard.

Active Ice Digital Studios • Cape Town**08/2011 - 02/2012****Web Developer**

HTML CSS/CSS3 PHP Jquery MySQL SEO Facebook Apps Email marketing Newsletter development CMS development Creating custom Joomla 1.5 & 2.5 templates Creating custom Wordpress templates Converting PSD/PNG to website/fb page/newsletter from design team. My typical tasks focus on the above. Development is my primary task, and we create website's based on our clients requirements. This usually involves the client wanting to update the content themselves, so I create custom templates for CMS(Content Management Systems) so they have ease of use when editing the back-end GUI interface. The initial process is taken from an existing PSD/PNG document and developed according to the extracted sliced images/proportions. The typical website will include PHP, custom jQuery, MySQL, HTML, CSS3, and SEO. Each project has SEF, keywords, meta descriptions, analytics set according to there content and google report tool.

Wobble • Cape Town**03/2011 - 08/2011****Web Developer / Manager**

Wobble is a Web Development company that specializes Joomla (CMS) and Online Marketing Strategies. Main focus was on web development - developing Joomla (CMS) sites. Duties included creating an online shop and implementing online payment gateways. During this time I also utilised HTML, CSS & PHP experience. Other programmes I used included DreamWeaver, Photoshop, Fireworks and Firefox. I was also responsible for implementing SEO strategies and this encompassed Google Analytics, Listings, Google Adwords, and Sitemaps. He was responsible for running social media campaigns. Duties included creating quotes for clients, meeting with clients to establish their needs and then managing the development process