

Khaya Khumalo

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SKILLS

Programming Languages	PHP, Angular, JavaScript, HTML, SASS, CSS, C#, C+, Java, Ajax, SQL, XML, Ajax
IDEs	Visual Studio, Eclipse, Android Studio, Xamarin, NetBeans, Visual Studio, Notepad++, PHPStorm, MySQL Workbench, Visual Studio code.
Other IT tools/technology/methodology	XJS, Drupal, Elastic Search, Linux operating systems, AWS Elasticsearch, Silverstripe, WordPress, .NET, TDD, SCRUM, Git Bash, Selenium, Android, Agile, SCRUM, XAMPP, phpmyadmin, Zend, Bootstrap, GIMP, Adobe Illustrator, MVC, APIs, Cpanel, WHM
Administration	MS Office(Excel, Access, Word & PowerPoint), Internal Desktop Support, Apache Open Office
General IT	Computer hardware, Cloud Computing

EDUCATION & PROFESSIONAL COURSES

Udemy AWS Certified Cloud Practitioner	Feb to July 2018
Udacity Advanced Android Development	Sep to Oct 2017
Udacity Android Development	May to Sep 2017
(C#) Software Development Fundamentals Exam 98-361	Nov 2016
(C#) Programming in C# Exam 70-483	April 2017
Level 5 & 6 Diploma (with Distinctions) in ICT Technologies Software Development, City & Guilds	Oct 2015 – Oct 2017
Level 2 Diploma (with Distinctions), City & Guilds Software Development	May 2015 – Aug 2015
Computer Science Institute of Technology Tallaght	Mar 2014 – Apr 2015
IT Application (FAS) Dún Laoghaire	May 2013 – Aug 2014

PROFESSIONAL EXPERIENCE

Accenture

PHP Developer

June 2021– May 2022

Key Responsibilities

I was assigned to rebuild the Acts.ie website. Using SilverStripe ie the full LAMP stack. I worked with AWS products including ElasticSearch. I worked with Devops and various other stakeholders. I had to write a lot of PHP scripting to upload XML files to the search engine. I worked a relational database (PostgreSQL). I also worked with a lot of Javascript, and JQuery to create a hybrid between one page applications and static html pages. I also assisted a developer on my team with maintaining the Oireachtas.ie website. In this role we used CI/CD.

Key achievements:

- Impressed stakeholders with my flexibility, skill, and willingness to adapt in order to get projects done in a timely fashion, whilst learning new tech like Silverstripe and ElasticSearch.
- I provided a lot of input in designs and branding of the new Acts website
- Implementing solutions that solve complex problems, like coding the frontend to consume the ElasticSearch API and render the fetched data appropriately on the website using JQuery. I also set up the ElasticSearch instance and PHP scripts to upload the XML acts into the search engine.
- I worked independently on this, with some support from another developer. I also chose all the tools, tech, and even architecture of the new website.
- I had to achieve all of this in a tight deadline
- I also introduced a new and quicker set up of the local LAMP environment.

Genuity Science Full Stack Web Developer June 2019 – May 2021

Key Responsibilities

In this role I was assigned with designing and developing the company's public facing websites. This meant I was responsible for all the websites' architecture from back to front. I used WordPress, PHP, Laravel, Javascript JQuery, HTML, CSS, SCSS. I was also responsible for the development any internal facing applications that allowed stakeholders to manage the websites' content. I used AWS tools to extend the websites' capabilities. I was also responsible for the website's security, taking part in monthly meetings. I also regularly met with designers to brainstorm ideas for the websites and then implement them programmatically. I would also take part in meetings capturing requirements for new websites, and web applications with various stakeholders from different departments in the company. I also took on projects outside of my job description for example building a C# application to bolster the security of the lab workers' laptops.

Key achievements:

- I was able to adapt to tight deadlines, and use the correct technology bas on requirements
- There was a massive acquisition which was followed by a global rebranding, in which I led the rebranding of the public web sites.
- There were regular occasions where there were requests for pretty complex features on the websites which I came up solutions for. For example there was a request for an interactive cube on the home page of the website which I developed
- I vastly increased the security of the websites using tools like OWASP, and reimplementing the html forms, and making the PHP backend stronger, and also using lambda functions to store data in an encrypted database.
- Leading team of 2 remote web developers (myself included)

- I finished a high profile project in a tight deadline.
- Introduced version control and deployment process to the web development team
- I made the websites highly available by configuring the PHP configurations in the EC2 instances.
- I also kept the webserver's LAMP stacks up to date using yum and regularly revising documentation online

Willows Consulting

Full Stack Web Developer

February 2018 – June 2019s

Key Responsibilities:

In this role I was responsible for developing and maintaining ecommerce websites. This was a full stack role. I used various ecommerce frameworks. I was responsible for project management. I also consulted on an in house built software that connected our ecommerce sites with Sage. I regularly worked with data migration, cron jobs, HTML, CSS, Javascript, PHP, Cpanel, AWS. I was also responsible for setting up and managing domains. I worked with cutting edge frameworks like Angular and regularly worked with APIs. In this role I learned a lot of new technologies and tools. In this role I truly mastered the ability to build a website from top to bottom

Key achievements:

- I impressed the Managing Director with my level of dedication and willingness to learn to technology in a high paced working environment.
- I developed a feature on the company intranet that allows for employee performance reports to be ran
- I had to implement solutions that solve complex problem, which came quite regular in a web agency. For example writing a script that would export data from an old OpenCart instance to a Prestashop store.
- I developed a number of addons/plugins for our clients which are commonly used in an ecommerce agency.
- I managed to participate in the development of a large number of websites in a short space of time.
- Generated 11k in company income in a month from the work I done for our clients
- Introduced version control and deployment processes that are still in use to this day.
- Introduced stand ups and the agile Software Development Life Cycle

Irish Computer Society

Junior Web Developer

April 2016 – February 2018

Key Responsibilities

- Worked with AngularJS and JQuery to render content and create specific behaviours on the frontend
- Development of several websites using different frameworks (e.g. Zend, WordPress, Bootstrap)

o Links to sites built

▪ ECDL.ie

- Integration of Bootstrap and WordPress frameworks
- Created and connected to MySQL database
- Created plugins and templates using PHP
- Implemented a content management system using WordPress
- Designed UI using bootstrap(HTML, CSS, JQuery)
- Created a login form that allowed users to log in to a .NET site.
- Ran tests to ensure that the site was functioning well

▪ Bebras Ireland

- Use of the Bootstrap framework
 - HTML, CSS, JQuery
- [Digital Skills & Jobs Coalition](#)
 - integration of Bootstrap and WordPress frameworks
 - Created and connected MySQL database
 - Created plugins and templates using PHP
 - Implemented a content management system using WordPress
 - Designed UI using bootstrap(HTML, CSS, JQuery)
- [ICS 50TH Anniversary](#)
 - Use of the Bootstrap framework, Zend framework, and
 - Created controllers in the Zend framework to allow views to be rendered
 - HTML, CSS, JQuery
 - Integrated [Knight Lab](#) Js to create a timeline detailing the history of the Irish Computer Society
- [Health ICT Leaders Forum](#)
- Maintained, and optimised several sites that use the Zend, Bootstrap framework
 - o [IASA Ireland](#)
 - o [ADPO Ireland](#)
 - o [HISI Ireland](#)
 - o [ItSMF Ireland](#)
 - o [ICS](#)
 - o [Business Analyst Association Ireland](#)
- Working closely with Project Managers to ensure clear and precise communication to deliver high quality projects on time.
- Working closely with several departments to deliver products that suited the client's needs.
- Daily stand ups in the IT department, where we used agile methodologies to complete various projects.
- Mentoring and managing other interns, teaching them about front end development. While I honed my backend skills.
- Working with company leadership to implement system migrations.
- Designing and implementing an APIs for conferences.

Key achievements:

- Password reset feature on internal web application using PHP Zend Framework
- A feature that allows employees to manage member's profiles also using the Zend Framework (PHP)
- A feature that allowed users to be transferred from a .NET website into a WordPress one. This feature was built using C#
- A feature that allows employees to create, edit events that would be saved to a MySQL database. (Zend framework)
- A feature in C# that pulled and pushed subscribers to the ICS Mailchimp account using JSON.
- An API with an admin section.
- Created a button that generated 45k in sales in 2018
- Implementing solutions that solve complex problems
- Conference revenue was increased by 50% whilst updating and maintaining sites
- Created the [ICS anniversary](#) site which received high praise during the 2017 WCCE conference (which also received a 1000 views in one day)
- Internal Desktop Support (Setting up new employees with email accounts and machine logins)
- Showing proactivity by coming up with creative ideas for new features or optimization of sites

- Regularly received appraisals from deputy CEOs, the IT Manager, and other staff members for my work.

Mahon Enterprises

Independent Sales Advisor

Nov – Dec 2012

Key responsibilities:

- Pitch sales to potential customers
- Plan route for the day
- Being tactical about the sale pitch
- Using interpersonal skills to effectively communicate with customers
- Reporting back to mentor and analysing the day's performance
- Building positive relationships with customers, and account managers
- Customer service skills – listening, understanding, being fair and treating customers fairly.
- Being professional in the work environment and having courage to challenge conventions

PERSONAL ACHIEVEMENTS

- Involved in a hackathon to develop an anti-bullying app android (Super Me) – 2016
- Received an award for Maths student of the year.
- Received an award for my contribution in my student council where 1 million euro was raised for the school.
- Was featured in the Irish Times Newspaper through the recommendation of my company. Here is a link to the article
<https://www.irishtimes.com/news/education/cao-countdown-ict-is-a-challenge-for-me-and-i-love-it-1.2702070>
- I was also invited to meet the CEO of Microsoft Satya Nadella to discuss my progress as a developer with the Irish Computer Society.
- I was also invited to celebrate an achievement made by college. Which was employing over 2000 young people.
- I am currently working on an app to improve the lives of commuters
- I am currently working on a web based 3d game that uses an unconventional approach
- I was also featured on the silicon republic see link here ->
<https://www.siliconrepublic.com/careers/genomics-medicine-ireland-look-inside-video>

HOBBIES & INTERESTS

- I do martial arts, and weightlifting.
- I love coding and building programs
- I enjoy the challenge of puzzles, and playing chess
- I have a keen interest in learning new technologies
- I have also built Android apps in my spare time for example a popular movies app, which can be seen on request.
- Playing computer games

Excellent references available upon request