# Khaya Khumalo

Email: khaya.khumalo93@gmail.com                     Mobile: 0899659280

LinkedIn: https://www.linkedin.com/in/thulubhekekhumalo/
GitHub: https://github.com/khayaSoftware
BitBucket: https://bitbucket.org/thisiskhaya/

## SKILLS

| | |
|---|---|
| Programming Languages | React, Hack, PHP, Angular, JavaScript, HTML, SASS, CSS, C#, C+, Java, Ajax, SQL, XML, Ajax |
| IDEs | Visual Studio Code, Visual Studio, Eclipse, Android Studio, Xamarin, NetBeans, Visual Studio, Notepad++, PHPStorm, MySQL Workbench, Visual Studio code. |
| Other IT tools/technology/methodology | HACK, React, 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 |

Gontrel                    Operations Lead        July 2023– April 2024
**Key Responsibilities**

This is a start-up I joined in the very early days. This is a new and upcoming travel app. I founded the operations department of this organization. My responsibility was to ensure that the company's operation ran smoothly. From the technical vision, and implementation. I also contributed to the business end of operations. Coming up with strategies to navigate the market and make the MVP a success.

**Key achievements:**
- I impressed clients and employees with my organization, and initiative.
- Mentoring employees and supporting my business partner
- Acquired clients for web development.

KhuMaru                    Co-Founder            Aug 2023– May 2024
**Key Responsibilities**

This is a start-up I started with my business partner. This was a tech company comprising of a web agency, a hardware shop, and a research company. I took on the more technical aspects of the operation while my business partner handled the more business aspects. We had two employees that helped with project management and our creative direction. My job was also to make sure the company's operations ran smoothly.

**Key achievements:**
- I impressed clients and employees with my organization, and initiative.
- Mentoring employees and supporting my business partner
- Acquired clients for web development.

Facebook/Meta             Senior Software Engineer        Aug 2022– June 2023
**Key Responsibilities**

At Facebook, I am a Senior Software Engineer. My responsibility is to create internal-facing tools that assist the logistics and operations of the company. I work with the LAMP stack, the Hack framework, React JS, and GraphQL. My job is to also mentor a junior developer as a senior. I build features for internal automation.

**Key achievements:**
- Impressed stakeholders with my flexibility, skill, and willingness to adapt to get tasks done in a timely fashion, whilst learning new tech like Hack and GraphQL.
- I was able to prepare design documents on one day's notice..
- I was able to motivate my Junior developers

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 with 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 the designs and branding of the new Acts website
- Implementing solutions that solve complex problems, like coding the front end to consume the ElasticSearch API and rendering 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 on a tight deadline
- I also introduced a new and quicker setup of the local LAMP environment.

Genuity Science Full Stack Web Developer June 2019 – May 2021

**Key Responsibilities**

In this role, I was assigned to design and develop 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, and SCSS. I was also responsible for the development of any internal-facing applications that allowed stakeholders to manage the website's 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 websites.
- There were regular occasions when there were requests for pretty complex features on the websites and I came up with solutions. For example, there was a request for an interactive cube on the homepage of the website which I developed
- I vastly increased the security of the websites using tools like OWASP, reimplementing the HTML forms, making the PHP backend stronger, and also using lambda functions to store data in an encrypted database.
- Led a team of 2 remote web developers (myself included)
- I finished a high-profile project on 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 web servers' LAMP stacks up to date using Yum and regularly revised documentation online

Willows Consulting          Full Stack Web Developer          February 2018 – June 2019s
**Key Responsibilities:**

In this role, I was responsible for developing and maintaining e-commerce websites. This was a full-stack role. I used various e-commerce frameworks. I was responsible for project management. I

also consulted on an in-house built software that connected our e-commerce sites with Sage. I regularly worked with data migration, cron jobs, HTML, CSS, Javascript, PHP, Cpanel, and 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 technology in a high-paced working environment.
- I developed a  feature on the company intranet that allows for employee performance reports to be run
- I had to implement solutions that solve complex problems, which came quite regularly in a web agency. For example, writing a script that would export data from an old OpenCart instance to a Prestashop store.
- I developed several addons/plugins for our clients which are commonly used in an e-commerce 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 did 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 behaviors on the front
- Development of several websites using different frameworks (e.g. Zend, WordPress, Bootstrap)
    - **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. At the same time, I honed my backend skills.
- Working with company leadership to implement system migrations.
- Designing and implementing APIs for conferences.

**Key achievements:**
- Password reset feature on an 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, and 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 got 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 a route for the day
- Being tactical about the sale pitch
- Use interpersonal skills to effectively communicate with customers
- Reporting back to my mentor and analyzing 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 the 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 to my student council where 1 million euros 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 the 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 movie app, which can be seen on request.
- Playing computer games

Excellent references available upon request