

## Khaya Khumalo

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GitHub: <https://github.com/khayaSoftware>

BitBucket: <https://bitbucket.org/thisiskhaya/>

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### WEB DEVELOPER

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2 years experience in frontend and backend web development. Experienced in systems architecture definition in .NET, Zend, WordPress, best practices of software development, design patterns, and leadership development teams. I am a passionate and enthusiastic in software developing, code coverage, continuous integration, application lifecycle management. I like being updated about new technologies by watching youtube videos, reading blogs and books and writing my own code at home to test a new technology, and solving complex problems in general. Experienced also in UI design, UX, UML, OOP, multi-threading, Asp.Net MVC, Web API, .Net, Zend, WordPress, Bootstrap Frameworks.

I also have experience using mobile technologies such as Android, and creating responsive websites. I am also currently learning Angular, and sharpening my knowledge and skills of C#.

Please see more of my skills and technologies I have used below. I also have personal projects, and code snippets on my github, and bitbucket account.

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### SKILLS

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Administration	MS Office(Excel, Access, Word & PowerPoint), Internal Desktop Support
Programming Languages	Java, HTML, CSS, Ajax, JQuery, JavaScript, PHP, C#, Angular, SQL, XML, Ajax
IDEs	Eclipse, Android Studio, Xamarin, NetBeans, Visual Studio, Notepad++, PHP Storm, MySQL Workbench, Visual Studio code.
Other IT tools/technology/methodology	Git Bash, Selenium, Ghost Inspector, Android, Agile, SCRUM, XAMPP, Linux/Windows command prompt, phpmyadmin, WordPress, Zend, Bootstrap, GIMP, Adobe Illustrator, MVC, .NET, APIs
General IT	Computer hardware, Cloud Computing

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### EDUCATION & PROFESSIONAL COURSES

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Udacity Advanced Android Development

Sep – Oct 2017

Udacity Android Development

May – Sep 2018

(C#) Software Development Fundamentals Exam 98-361

Nov 2016

(C#) Programming in C# Exam 70-483	April 2017
Level 5 & 6 Diploma in ICT Technologies Software Development (with Distinctions), 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) 2014 Dún Laoghaire	May 2013 – Aug
Accounting & Finance Griffith College	Oct 2012 – Feb 2012
Leaving Certificate Salesian College Celbridge	2011

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## PROFESSIONAL EXPERIENCE

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Irish Computer Society                      Junior Web Developer                      April 2016 – Present

### **Technical Skills:**

***C#, SOLID principles, Unit Testing, Multi-Threading, Message system, Caching, SQL Server, Windows Service, WCF, Asp.Net, Javascript, jQuery, PHP, MySQL, XAMPP, AJAX, MVC, Zend, WordPress***

### **Key Responsibilities**

- Lead the development of several websites using different frameworks (e.g. Zend, WordPress, Bootstrap)
  - **Links to sites built**
    - [ECDL.ie](http://ECDL.ie)
      - Integration on 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)
      - 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](http://Bebras Ireland)
      - Use of the Bootstrap framework
      - HTML, CSS, JQuery
    - [Digital Skills & Jobs Coalition](http://Digital Skills & Jobs Coalition)
      - integration on 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 50<sup>TH</sup> Anniversary](#)
  - Use of the Bootstrap framework, Zend framework, and
  - Created controllers in the .NET framework to allow views to be rendered
  - HTML, CSS, JQuery
  - Integrated the [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
  - [IASA Ireland](#)
  - [ADPO Ireland](#)
  - [HISI Ireland](#)
  - [ItSMF Ireland](#)
  - [ICS](#)
  - [Business Analyst Association Ireland](#)
- Working closely with Project Managers to ensure clear and precise communications
- 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

#### Key achievements:

- Password reset feature on internal web application using PHP Zend Framework
- A feature that allowed employees to manage member's profiles also using the Zend Framework (PHP)
- A feature that allowed users to be transferred from a .NET into a WordPress one. This feature was built using C#
- A feature that allowed 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.
- 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)
- Front end development using JQuery, HTML, and CSS
- Back end development using C#, and PHP
- Database administration using SQL (MySQL, and SQL Server)
- Internal Desktop Support (Setting up new employees with email accounts and machine logins)
- System Administration.
  - Setup environment using the XAMPP web stack
- 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.

- 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 how I'd like to be treated
- Being professional in the work environment and having courage to challenge conventions

#### PERSONAL ACHIEVEMENTS

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- Involved in a hackathon to develop an anti-bullying app (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 on 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.

#### HOBBIES & INTERESTS

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- 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