CARLOS GONZALEZ
FRONT-END WEB DEVELOPER

PERSONAL INFO
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Date of Birth 10-02-1973

SKILLS
- HTML5, CSS3, SASS, Bootstrap, CSS-in-JS libraries.
- JavaScript, Typescript, ReactJS, Angular, AngularJS, JQuery, GatsbyJS.
- PHP, Git
- WordPress and Joomla CMS
- SEO, Google Search Console
- Google AdWords
- Microsoft Suite. Photoshop.
- VBA, SQL

LANGUAGES
- English (fluent)
- Spanish (native)
- Catalan (native)

INTERESTS
- Popular science – mathematics
- Sports
- Outdoors / travel

Although I only completed Microsoft's Professional Program for Front-End Web Development in October 2018, I have experience with websites (development and SEO) since 2010. I have been programming for more than 25 years in a myriad of platforms. Self-motivated, quick learner, analytical, attention to detail, perfectionist.

EXPERIENCE

FREELANCE FRONT-END WEB DEVELOPER
FROM 2018, FEBRUARY
- Developing websites for local businesses.
- I use responsive, most modern, eye-catching HTML5 templates which I adapt to my projects
- I follow Google's Developers' guidelines for best practices, SEO, accessibility and performance (PageSpeed Insights).
- I follow up my sites' performance with Google Search Console (Google Webmasters Tools), Google Analytics and StatCounter.
- I use Visual Studio Code for development and Git for version control. I host my projects on GitHub: https://github.com/homearanya

Most recent projects:
www.trails.co.za:
- Built with GatsbyJS, a static site generator based on ReactJS.
- Styled with CSS libraries (Bootstrap, Animate, Font-Awesome) and CSS-in-JS libraries (Styled Components).
- The site has a headless CMS (NetlifyCMS) configured using YAML. The data is hosted in GitHub and pulled with GraphQL, while programmatically creating the site's pages using GatsbyJS's APis, at build time.
- The contact form is built using the Serverless Framework and hosted in AWS, using their Lambda and SES APIs.
www.wildtrails.co.za
- Based on a responsive Bootstrap theme with JQuery.
- The contact form is built in PHP

OWNER-MANAGER AT SPANAFRICAN ADVENTURES
2010, JULY – 2018, SEPTEMBER
I did everything, from bookkeeping, marketing, to conducting trips but what I loved most was developing, maintaining and promoting my company's website, www.spanafrican-adventures.co.za.
- Originally built in Joomla. I learnt CSS and HTML to customise it.

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- I revamped it at the beginning of 2017 using WordPress. For customizations I learnt PHP and deepened my knowledge of CSS and HTML
- The theme I used came with plugins like Visual Composer (I built my own VC plugin), WooCommerce, Slider Revolution and Contact Form 7.
- I used other plugins to enhance my site: Max Mega Menu, Popup Make, Yoast SEO for SEO, Wordfence for security and WP Rocket for performance. I even built my own plugin.
- I followed up my site's performance with Google Search Console, Google Analytics and StatCounter
- I did extensive research on SEO and digital marketing.
- I promoted my site with Google Adwords.

FREELANCE AS A MS ACCESS/VBA DEVELOPER
2005, OCTOBER – 2017, OCTOBER
- Developed 2 databases for a local NGO called WESSA, which I maintained for 12 years
- I learnt MS Access, VBA and SQL

NATURAL/ADABAS AT NORMAL CONSULTING
1996, AUGUST – 2003, OCTOBER
- I did my apprenticeship with a 6-months project for Nissan in Barcelona, learning the ropes of Natural language and Adabas database.
- Then I was offered to work in Andorra for Credit Andorra Bank where I worked until October 2003. I went from junior, senior to project manager.
- We developed and maintained user applications and batch processes for the bank's business area which we worked in close collaboration with.
- We were often called at night for debugging batch processes.
- As a department we went through big projects like the Y2K and the adoption of the new Euro currency. In the process, we had to migrate old applications written in Cobol, which I learnt for the occasion.

EDUCATION

UNIVERSITY DEGREE IN METEOROLOGY, UNIVERSITAT DE BARCELONA (1991-1995)
- 3 years in general physics
- 2 years in meteorology specialisation.

UNIVERSITAT POLITECNICA DE CATALUNYA, COMPUTER SCIENCE (1995-1996)
I completed the first year (60 credits) out of 5. I had to quit due to incompatibility with my work.

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PROJECTS

MICROSOFT PROFESSIONAL CAPSTONE PROJECT
https://homearanya.github.io/

- An e-commerce like website to showcase the skills gained during the Microsoft's Professional Program for Front-end Web Development.
- Built in ReactJS, styled with Bootstrap with a responsive (first-mobile) design.
- Code hosted on GitHub:
  https://github.com/homearanya/homearanya.github.io

CERTIFICATES
(EDX – MICROSOFT – PROFESSIONAL PROGRAM FOR FRONT-END WEB DEVELOPMENT)

- Microsoft professional orientation: front end web development (2018 February)
- Introduction to html and JavaScript (March 2018)
- JavaScript Introduction (2018 March)
- Introduction to TypeScript 2 (March 2018)
- CSS basics (2018 March)
- Advanced CSS Concepts (2018 April)
- Introduction to Bootstrap - A Tutorial (2018 May)
- Introduction to jQuery (2018 May)
- AngularJS: Framework Fundamentals (2018 May)
- AngularJS: Advanced Framework Techniques (2018 May)
- Building Your Azure Skills Toolkit (2018 June)
- Angular Fundamentals (2018 June)
- Advanced Angular (2018 July)
- DevOps for Developers: How to Get Started (2018 September)
- Introduction to ReactJS (2018 September)
- React Router and Redux (2018 September)
- Microsoft Professional Capstone: Front End Web Development (2018 October)
- Microsoft Professional Program - Front-end Web Development (2018 October)