

Bilingual IT professional with a broad skill set, capable of using technology to find creative solutions to problems, often by integrating discrete systems.

WORK EXPERIENCE

Political Technology Specialist

DigiDems - Kathleen Williams, MT-AL 2020 • Bozeman, MT

June 2020–November 2020

- Responsible for Data, System Integrations, Cybersecurity, and Website development for the Kathleen Williams for Montana campaign for Montana's At-Large seat in the US House of Representatives.
 - » Developed a Google Firebase web-app to gamify Field Operations, by integrating data from DNC's Phoenix/BigQuery system, Spoke texting system, LeftApps Grassroots Fundraising, and Google Sheets.
 - » Used DNC's Phoenix/BigQuery system to automatically sync NGP VAN/VoteBuilder data to the Field Director's PTG Sheet.
 - » Developed Slack Apps using Google Cloud Functions, which allowed volunteers to query the candidate's position on specific issues, as well as get a voter's ballot drop-off and voting locations without having to ask for any personal information.
 - » Performed one-on-one security sessions with campaign staff and candidate to secure all personal and campaign accounts with unique passwords, security keys, and authenticator apps.
 - » Upgraded and maintained campaign's pre-existing WordPress site.

Director, Information Systems

Latino Communications, LLC (dba Qué Pasa Media Network) • Winston-Salem, NC

August 2005–June 2020

- Responsible for Network & Systems Administration, Web Development, System/Application Integrations, and IT Infrastructure.
 - » Configuration, Development, and Administration of multiple public and internal facing websites and web-apps using Drupal, WordPress and Joomla. Notably, the company's Drupal-based, Spanish-language news website with modest traffic of a half million pageviews/month.
 - » Development of custom templates/themes and extensions for Drupal 7, WordPress, and Joomla. Notably, a Drupal module which inserts content, such as ads, within the body of articles, as well as a Drupal module which allows a user to choose articles from a list, and quickly post them to multiple Facebook Business Pages, as each Facebook Page (as opposed to their personal Facebook account).
 - » Configuration and administration of back-end services like Apache Web Server, Apache Solr, Nginx + Varnish Reverse Proxy.
 - » Developed applications to integrate Sage 100 ERP and QuickBooks Enterprise with preexisting systems and databases. Developed an application to migrate accounting data from Sage 100 ERP to QuickBooks Enterprise.
 - » Administration of on-premises Windows Active Directory, as well as configuration and administration of Amazon Web Services infrastructure: Notably, EC2 instances running CentOS, RDS with MariaDB, ElastiCache with Memcached, CloudFront, and SNS.

Web Designer

College Program in Peace and World Securities Studies (PAWSS) • Amherst, MA

August–December 1996

- Designed and maintained static HTML website.

AWARDS

**National Association of Hispanic Publications (NAHP)
JOSE MARTI AWARDS**

2015 - Gold Award

Outstanding Website Design

raleigh.quepasanoticias.com

- » Complete redesign of a Spanish-language news website using a custom-made Drupal template

2015 - Silver Award

Outstanding Publication Website

mundial.quepasanoticias.com

- » Spanish-language news website for the 2014 World Cup using a custom Joomla Template

2014 Silver Award

Outstanding Publication Website

raleigh.quepasanoticias.com

- » Spanish-language news website made using a custom Joomla Template

2013 - Gold Award

Outstanding Publication Website

Qué Pasa Raleigh/Durham

- » Spanish-language news website made using a custom Joomla Template

2013 - Silver Award

Outstanding Circulation Program

Qué Pasa Group of Newspapers

- » Developed Android app and GPS-enabled fleet management system using OpenGTS, to integrate with a legacy Newspaper Circulation System

CERTIFICATIONS

• **AWS Certified Solutions Architect – Associate**

• **AWS Certified Cloud Practitioner**

• **Legacy Certifications**

- » Microsoft Certified Systems Engineer

VOLUNTEER EXPERIENCE

Website Administrator, IT Consultant

Project Starfish India

2015–Present

- Administration and maintenance of organization's WordPress website. Give advice on and help implement online services and IT tools that the organization can use to further their mission.

Data ETL Developer

21 in '21

January 2021 - February 2021

- Wrote a program that periodically extracts data from the New York City Campaign Finance Board Website, and loads it into Google BigQuery and Google Sheets.
- Created reports and graphs in Google Data Studio integrating the data from the Campaign Finance Board website and the organization's own data.

Data and Frontend Web Developer

Jon Ossoff for US Senate (2021 Special Election)

December 2020 - January 2021

- Implemented the frontend design for OutReach, a custom-built web app for the campaign's Digital Relational Organizing team.
- Created Google Data Studio reports that integrated data from Reach and DNC's Phoenix, showing demographics, voting history, model scores, and voting status of voters within the team's relational network.

TECHNICAL SKILLS

• Languages & Tools

- » PHP ☒ ☒ ☒ ☒ ☐
- » HTML/CSS ☒ ☒ ☒ ☒ ☐
- » JS/jQuery ☒ ☒ ☒ ☒ ☐
- » SQL ☒ ☒ ☒ ☒ ☐
- » VB.net ☒ ☒ ☒ ☐ ☐
- » Git ☒ ☒ ☒ ☐ ☐
- » Java ☒ ☐ ☐ ☐ ☐

• Backend Systems

- » CentOS ☒ ☒ ☒ ☐ ☐
- » MySQL ☒ ☒ ☒ ☒ ☐
- » Apache ☒ ☒ ☒ ☐ ☐
- » Nginx + Varnish Reverse Proxy ☒ ☒ ☐ ☐ ☐

• CMS Development

- » Drupal 7 ☒ ☒ ☒ ☒ ☐
- » Joomla ☒ ☒ ☒ ☒ ☐
- » Wordpress ☒ ☒ ☒ ☐ ☐

• Office Applications

- » Excel ☒ ☒ ☒ ☒ ☒
- » Access ☒ ☒ ☒ ☒ ☒

EDUCATION

Guilford College, Greensboro NC

B.S. with High Honors,
Computer Information Systems,
December 2010

PROFESSIONAL MEMBERSHIPS

- Drupal Association:
Individual Member
- Electronic Frontier
Foundation

GENERAL SKILLS

- Spanish ☒ ☒ ☒ ☒ ☐
- Writing/Documentation ☒ ☒ ☒ ☒ ☒
- Technical communication ☒ ☒ ☒ ☒ ☒