## Marco A. Gómez

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#### **Professional Summary**

Engineering Leader and Principal Software Engineer with 15+ years of experience transforming development teams and delivering enterprise technology solutions for government and higher education. Known for stabilizing underperforming teams, introducing structured SDLC practices, and mentoring engineers into high-performing contributors. Proven ability to align technical delivery with organizational goals, streamline collaboration with SharePoint and Power Platform, and drive enterprise-wide adoption of modern digital solutions.

Principal Software Engineer and SharePoint Solutions Leader with 15+ years of experience designing, developing, and deploying enterprise-scale applications for federal, higher education, and private-sector clients. Expert in architecting SharePoint and Power Platform solutions, automating workflows, and modernizing legacy systems. Proven record of innovation, including reusable libraries that reduce development effort by 40%, a university-wide Academic Appointment Application that streamlined tutoring scheduling for thousands of students, and custom-built applications that drive measurable efficiency gains.

#### **Core Technical Skills**

JavaScript (ES6+), jQuery, HTML5, CSS3, PHP, SQL | SharePoint (On-Prem & Online), REST API, SPFx | Power Automate, Power Apps | REST APIs, JSON, AJAX | Agile/Scrum, SDLC, Solution Architecture

#### **Professional Experience**

### Principal Software Engineer | SAIC | 02/2019 - Present | Washington, DC

- Recruited from subcontractor Bamboo Solutions to stabilize and transform PBGC's SharePoint development team.
- Introduced a structured SDLC with standardized documentation (requirements, design, testing scripts, training manuals, technical references).
- Upskilled a team of InfoPath power users into front-end JavaScript engineers, aligning with Microsoft's strategic roadmap.
- Engineered a reusable front-end customization library in JavaScript/jQuery for SharePoint Classic Mode, enabling rapid implementation of modern UI features. Reduced development effort by ~40%.

- Designed automation solutions with SharePoint, Power Automate, and Power Apps to digitize workflows and collaboration.
- Built enterprise-scale applications using SharePoint REST APIs, JavaScript, HTML, and CSS.
- Mentored engineers and created training curricula for front-end technologies.

#### **Independent Contractor, Software Engineering | 05/2014 – Present**

- Built a custom PHP/MySQL Order & Workflow Tracking System with drag-and-drop workflow boards, invoicing automation, and inventory integration with Shopify/Etsy.
- Developed a responsive Bazi Natal Chart Calculator performing 300+ real-time calculations per request via a PHP/MySQL REST API and JavaScript front end.
- Delivered APIs, CMS solutions, and performance optimizations for clients including nonprofits (Jason Kidd Foundation).

Portfolio: magodevelopment.com

## Product Owner – SharePoint | Bamboo Solutions | 08/2017 – 02/2019 | Washington, DC Metro Area

- Oversaw design and delivery of new SharePoint products, serving as SCRUM Master and SME.
- Led cloud deployment strategy and sustained the firm's largest federal contract.

## Managing Consultant & Software Engineer | SharePointXperts | 03/2014 - 08/2017 | Washington, DC Metro Area

- Directed enterprise SharePoint development projects for federal agencies.
- Acted as SME in SharePoint/automation and introduced Agile practices to improve delivery.

# Assistant Director of Technology, Web Software Engineer | Florida International University | 12/2009 – 02/2014 | Miami, FL

- Designed and implemented the Academic Appointment Application, a university-wide SharePoint system for scheduling tutoring appointments.
  - Built the SharePoint front end and a custom JavaScript scheduling algorithm.
- Adopted across the Undergraduate Education department and three tutoring offices, streamlining scheduling for thousands of students.
- Directed adoption of Microsoft SharePoint as the division's CMS and application development platform.
- Implemented responsive web presence (20+ sites) and supervised a small dev team.

# Software Engineer, Senior Business Analyst | Florida International University | 08/2006 – 12/2009 | Miami, FL

- Designed and deployed applications and databases supporting PeopleSoft, SharePoint, and other enterprise systems.
- Supervised project teams and mentored junior staff.

### **Education**

Master of Science – Computer Science | Florida International University Bachelor of Science – Computer Science | Florida International University