

# Carlos Noguera

Web Development and Architecture



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4202 East Cactus Rd.  
Apt. 5107  
Phoenix, AZ 85032  
T 717.599.1055  
[carlos.noguera@email.com](mailto:carlos.noguera@email.com)

## Profile

Senior Web Engineer with 10+ years of experience in web development, architecture, programming, layout, and system administration. Particular experience in working with business teams to distill direction and creative concepts into workable applications and products.

## Experience

### Career Highlights

- Founding member of niche social networking platform for veterans/military. Co-author/developer of provisional patent submission re: KeyPoints system
- Created real-time system visualization interfaces for tracking performance of renewable energy systems
- Developed and maintained back end of enterprise financial management/banking systems, healthcare systems/data and customer management
- Worked on team to implement applications/public-facing content for “big 10” pharmaceutical companies including Merck, Abbott, and Sanofi-Pasteur.

### Senior Development Architect/Engineer, ArmedZilla Inc.

Phoenix, AZ – 04/2011-05/2012

- Engineer in charge of codebase development, both on the front and back-end.
- Lead developer in charge of KeyPoints product to visualize and share military experiences within a timeline format within a social context.
- Main point of contact for System Administration and operations related tasks including server maintenance and software installation (both server-side and client-side).
- Graphics and design implementation lead responsible for main implementation of UI/UX.
- Support the Chief Engineer and assume his responsibilities when needed, i.e., code deployments.
- Continually manage and tackle bugs and issues with the development team (ex. JS quirks, server library incompatibilities/version bugs, server open-file-descriptor errors).



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### **Principal, WorkWise Hosting, LLC.**

**Lancaster, PA — 04/2009-10/2010**

- Managing Member of boutique, "white-glove" hosting company serving businesses with large technical requirements but not the large, in-house staffing to support them.
- Served as adjunct IT department to businesses worldwide providing on/off-site and co-located web hosting, mail, CRM, and custom development solutions.

### **Web Developer/Production Consultant, Vigor Graphic Design, LLC.**

**Harrisburg, PA— 01/2006-04/2009**

- Translated branding concepts and designs into full-featured web sites and applications, focusing on the restaurant industry.
- Managed internal and external networks and servers for Vigor, as well as client deployments for web projects.

### **Network Administrator, Payment Technologies, Inc.**

**Mechanicsburg, PA — 2002-2005**

- Maintained Linux and Solaris internal company network, disaster recovery environment, and Linux-Windows hybrid connectivity for developers.
- Created and maintained interface for receiving and pre-processing external credit card and loyalty data from merchants, both from modern computer systems and legacy mainframes.

### **Web Developer, Pipeline Interactive**

**Lebanon, PA — 2000-2001**

- Translated designs into production websites for large clients like Casio, Hershey Foods, and others using ColdFusion, ASP, and PHP.
- Implemented novel server-side technologies, such as on-demand image generation, using OpenSource software on a Windows server environment.

### **Lead Web Developer, Millersville University**

**Millersville, PA — 1999-2000**

- Managed a team of students to create websites and projects for academic departments, including the deployment of PHP in the organization.

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**Education**

Millersville University, Millersville, PA  
Drexel University, Philadelphia, PA

**Skills**

Solaris/\*NIX  
LAMP (Linux, Apache, MySQL, PHP)  
Nginx  
Mobile web/API development (REST)  
SQLite, MSSQL, and other RDBMS  
MongoDB, and other NOSQL/key-value data storage systems  
ElasticSearch search engine  
XMPP servers implementations, including ejabberd  
JavaScript and related frameworks, primarily jQuery, including AJAX implementations  
(X)HTML/HTML5, CSS 2/3  
Customer/content management systems (CRM/CMS)  
Fluent in Spanish

**References**

Jason Bowser - [jasonleebowser@gmail.com](mailto:jasonleebowser@gmail.com) - 717.443.4052 (Mobile)  
Kunal Patel - [kunal.d.patel@gmail.com](mailto:kunal.d.patel@gmail.com) - 516.242.8040 (Mobile)  
Robert Suber - [rsuber@mgsuber.com](mailto:rsuber@mgsuber.com) - 803.760.7008 (Office)  
Joseph Szala - [jszala@vigorbranding.com](mailto:jszala@vigorbranding.com) - 717.968.4846 (Mobile)