

Peter S. Gorgone

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SKILLS

- Web Back-end Programming: PHP, MySQL, REST, Apache, Web 2.0 APIs (Facebook, Twitter, etc)
- CMS/Frameworks: Yii, Laravel, Symfony, CodeIgniter, Zend Framework, Wordpress.
- Web Front-end Programming: Javascript, JQuery, JQueryUI, AJAX/JSON, AngularJS, BackboneJS, RequireJS, UnderscoreJS, hand-coding CSS & HTML
- Other programming languages: C (expert), C++ (advanced).
- Web Analytics Tools: Mixpanel, Google Analytics.
- Cloud Hosting: Amazon Web Services (AWS) EC2, RDS, Rackspace cloud hosting
- Version Control: git, mercurial, cvs
- Solid understanding of data structures, design patterns, computer and web architecture.
- Rapid prototype development using "Lean Start-up" methodology & SCRUM.
- Highly proficient with Linux, MySQL, and Apache administration (including shell scripting & Linux command line, vi).
- Excellent debug/troubleshooting skills; expertise in WebStorm, Zend Debugger, Firebug, gdb, Visual Studio.
- For more see: <http://www.peterg-webdeveloper.com/>

PROFESSIONAL EXPERIENCE

AXIOM IMAGES, LOS ANGELES, CA

2014-2015

<http://www.axiomimages.com>

Lead Developer (freelance dba PSG Consulting)

- Re-built CRUD-based admin back-end from scratch using Laravel Framework. Most panels have the same CRUD operations, which use common libraries. Panels that have special features can be derived from the common libraries and customized as needed.
- Added Javascript & AJAX-driven features to main site to provide a smoother UX.
- Built custom keyword-based search engine with auto-complete.
- Implemented advanced product search filter with corresponding UI. Optimized algorithm with database caching and other techniques to drastically cut query & processing latencies, and improve responsiveness.

MOBOOM INC, LOS ANGELES, CA

2012-2013

<http://www.moboom.com>

Backend Developer (freelance dba PSG Consulting)

- Integrated Open Web Analytics library to measure statistics for hosted sites.
- Created page creation widget, which lets users save a page draft (pre-publishing), publish, and revert to a prior version of the page. Implementation involved creating the database schemas and REST-ful APIs to support basic CRUD operations (creation, viewing, updating, deleting), as well as the save and publish actions.
- Developed custom theme uploader, which allows users to design and publish their own themes.
- Implemented custom content import management using Elastic Search.
- Designed & implemented schemas and APIs to manage sites, invoices, and user groups.

ONE DAY ON EARTH, LOS ANGELES, CA

2010-2013

<http://archive.onedayonearth.org/videos/year/2010>

Web Developer (freelance dba PSG Consulting)

- Built Google Maps-based archive site from ground-up using Codeigniter MVC, based on designer's mock-ups.
- AJAX-driven "Single Page App" to provide a smooth UX.
- Hand-coded HTML and CSS to implement and match the graphic designer's specs.
- Integrated with Google Maps, Vimeo Hosting, and Ning Social Network APIs.
- Implemented keyword search feature.
- Developed & maintained a full "ecosystem" of supporting tools, such as an admin panel and a custom video uploader integrated with Vimeo.
- Added features such as video comments & ratings.

PAIDYET, LOS ANGELES, CA

2013

<http://www.paidyet.com>

Frontend Developer (freelance dba PSG Consulting)

- Customized client-side form validation to display status and error messages with icons.
- Implemented responsive layout using Twitter Bootstrap.
- Hand-coded css layout and stylesheets to match design mock-ups.

ROBOTDOUGH, LOS ANGELES, CA

2011-2012

Web Developer (freelance dba PSG Consulting)

- Robot Dough was a Web 2.0 stock investing start-up.
- Built and optimized features in Symfony MVC Framework with Doctrine ORM, including leader-board based on user portfolio performance, dashboard with user "missions", and "equity browser" that lets users easily find a stock by navigating sector and industry hierarchy interactively.

GRADUATION NATION, LOS ANGELES, CA**2010-2011**<http://www.graduationnation.com>*Web Developer* (freelance dba PSG Consulting)

- Added fixes and improvements to existing codebase & database schema inherited from past developers, fixed several critical bugs that demanded immediate attention.
- Integrated a new DVD Fulfillment vendor without interrupting site activity.
- Transferred site (code and database) to a new hosting server, with minimal downtime.

PAVIA SYSTEMS, SEATTLE, WA**2008***Web Development Engineer*

- Developed and maintained online education website for the construction industry using PHP and MySQL.

OPEN INTERFACE, SEATTLE, WA**2006 - 2007***Senior Software Engineer*

- Implemented Bluetooth Handsfree Profile with concurrent multiple channel capability.

EQUATOR TECHNOLOGIES, SEATTLE, WA**1999 – 2006***Software Engineer, Embedded Development*

- Developed products in C for a video-processing chip, including set-top box backend and video decoders (Windows Media, MPEG-2).
- Integrated 3rd-party Digital Rights Management (DRM) library into set-top box product.
- Developed toolkit APIs to seamlessly integrate low-level modules (on-chip VLC processor, video decoders) with high-level applications.

SGI, MOUNTAIN VIEW, CA**1997 - 1999***ASIC Design Engineer, Advanced Media Division*

- Designed and developed hardware circuits for OpenGL geometry chip.

SIEMENS ULTRASOUND, ISSAQUAH, WA**1996***Software Engineering Intern*

- Implemented high-performance imaging algorithms in C and assembly for state-of-the-art ultrasound 3-D imaging application.

EDUCATION

M.S., Electrical Engineering, University of Washington, Seattle, WA

M.S., Technical Japanese, University of Washington, Seattle, WA

B.A., physics, Wesleyan University, Middletown, CT