

MICHAEL RICHARD GRAF

SOFTWARE ENGINEER & WEB DEVELOPER

GET IN TOUCH WITH me.



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e-Handoff - Web developer

✓ **Converted** web app to use modern principles such as: MVC, SASS structured CSS generation, Object Oriented classes, DRY principle, Bootstrap and much more. This is a medical application that doctors, nurses and hospital administrators use to aid in the transition of care for patients between shifts. As a result, this application is now faster, easier to maintain more extensible. One notable project was the design and implementation of patient specific time stamped action items (checklists) supporting GMT offsets so the software would show times based on their timezone offset as well as respect Daylight Saving Time.

✓ **Implemented** countless Wordpress solutions including creating plugins and extending behavior of themes on multisite Wordpress installations that supported over 100 clients. Notably, created dashboard / interface for quickly monitoring of numerous administrative features at a glance.

✓ **Responsible** for monitoring and resolving any application level security issues such as CSRF, Wordpress security error log review,

✓ **Basically** this was a small company that has a small staff with high pressure patient data security concerns such as HIPAA compliance. My role was to create tools, write software, extend existing software, perform security analysis, and basically whatever the CEO asked of me that was within my power and skillset.

2006 - Present

CustomWebsitesForYou - Freelancing - Solutions Engineer

✓ **Responsible** for every aspect of program development of sophisticated role based online applications including but not limited to: UI (HTML/JS/CSS), server side back end (PHP/Shell scripting/Cron jobs). Integrate real time feedback for debugging. Also work with clients throughout projects to ensure their needs are met.

✓ **Deliver** staged solutions to clients so they can experiment with a development version of their sites and or changed functionality prior to release to live servers for testing, feedback and approval.

✓ **Roll** out compartmentalized changes using source control, database backups for easy and quick reversion should it be needed.

✓ **Focus** on usability and reusability.

✓ **Successful** transition years of User Interface development using C++ on world class Windows programs that were shipped to millions of users worldwide into usability related to web development experience.

✓ **Experience** with continuous integration, different approaches to software development including Agile, Waterfall, and more.

✓ **Developed** the City of Citrus Heights Community Center scheduling system. (Chris Myers-contact)

✓ **Proven** ability to deliver scalable solutions using Yii MVC PHP

1993 - 2005

Sonic Solutions - Senior SW Engineer (NASDAQ SNIC)

✓ **Implemented** custom Windows software using C++ with emphasis on ease of use and usability shipped millions of product.

✓ **Configuration Manager** responsible for system of tools and processes for over 40 engineers that was highly praised.

✓ **Managed** development servers and numerous "clean machines" for reproducible build environment.

✓ **My quality assurance background** leads to software that has a high degree of "works the first time".

✓ **Responsible** for many aspects of product development including the initial setup and componentization of interdependent pieces of software.

	average	good	skilled
Yii MVC Framework	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
Linux	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
Apache	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
MySQL	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
PHP	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
HTML / CSS	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
SASS	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
Testing my solutions	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
Shell scripting	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
MSSQL	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
Laravel	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
VB	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
.NET	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
PHP Unit	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
C++	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★

+ TRY ME PLEASE

I am a hard worker and will work diligently to get up to speed with your particular business and tools and I'll make sure to exceed your expectations.

+ EDUCATION

Cal Poly San Luis Obispo CA

BS in Computer Science

Dale Carnegie Training

Excellence in Leadership and Communications course