

# GERALD J PETRON

545 S KELLER RD, UNIT 1219

Orlando, FL 32810

Phone: 321-663-2047

[getron4@cfl.rr.com](mailto:getron4@cfl.rr.com)

**Occupation:** Web Developer

## Skill Summary:

Web site developer with 12 years experience designing, creating, and maintaining web sites.

Possesses practical experience in the development, administration, and application of web-page technologies, databases, and documentation systems, using AngularJS (Version 6), Typescript, NodeJS, object oriented PHP, SQL, JavaScript, HTML5, Java, and more.

Develops new applications and back-end systems.

Analyzes code to find causes of errors and revises code as necessary.

Troubleshoots problems, isolates the issues, and implements solutions.

Provides technical assistance by responding to inquiries from others regarding errors, problems, or questions about websites and web-applications.

Writes and maintains documentation to describe site/application development, coding, testing, changes, and corrections.

Creates efficient, testable, and maintainable code that is well documented.

## Web Developer Skills:

AngularJS (Version 6)	HTML5	PHP
Apache Web Server	jQuery	PostgreSQL
Bootstrap	JavaScript	TypeScript
CodeIgniter Framework	Java (Spring Framework)	Webpack
D3 graphics	MySQL	XML
Git	NodeJS, Express	YUI

**Bachelor of Science**, Florida Institute of Technology

**Associate of Science**, ITT Technical Institute

**US Navy**, Engineman, Honorable Discharge

**Valid Florida Driver's License**

## Employment History

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### Web Developer

06/2013 - present      M2 Systems Corporation

Orlando, FL

#### Most recent project:

Web site design, both frontend and backend.

Http REST requests for large medical diagnostic images (DICOM) and video/mp4 files.

Angular (V6), NodeJS Express, Webpack, Git, Angular Materials, Typescript.

## **Web Developer** cont., M2 Systems Corporation

### Preceding project:

Web site frontend design and integration into existing backend.

Http REST requests for statistics to display graphically (pie, bar, area and gauges).

Angular (V4), SystemJS, Git, Angular Materials, Typescript, PHP.

### Earlier projects and responsibilities (existing PHP/MVC and Java projects)

Java: REST application deployed on Tomcat server for eWallet http requests for login security and PostgreSQL READ, UPDATE, INSERT and DELETE queries.

Customer complaint resolution.

Total ADA-508 accessibility upgrades.

Feature additions and enhancements.

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## **Web Developer**

06/2012 - 03/2013 Creative Catalog Concepts, LLC

Orlando, FL

VACO Orlando LLC

Creative Catalog Concepts: Data base driven web site maintenance of major on-line catalog for product distribution in the educational industry; custom themed websites for multiple clients involved in the management of orders, shipments, and returns or educational and art products.

VACO: Maintenance of a vacation resort business website.

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## **Configuration Management Analyst**

10/2006 - 04/2012 L-3 Communications, ALST

Orlando, FL

Web site development projects. Interactive database driven web sites using object oriented PHP programming language, Apache web-server, and MySQL database.

Designed web applications for data collection, analysis, and distribution to support local business processes. Examples: Action Tracking Database, Test Failure Reports, Rework Reports, Engineering Document Library, Quality System Documentation.

Database management and configuration management of Engineering, MRP, Quality System, and RMA documentation. MS Access software application development for Engineering Change Orders, Quality System, Training, Incoming Material Inspection, and RMA processing. MRP database management of inventory and BOM master tables. Report design and web page design for company wide data access. Change Control Board chairman.

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## **Configuration Management Analyst**

09/2003 – 09/2006 OSI Defense Systems, LLC

Orlando, FL

03/2002 – 09/2003 Schwartz Electro Optics, Inc.

Orlando, FL

Document control and configuration management policy.

Administration of engineering documentation database (AgileCM).

Configuration management support to manufacturing, engineering, purchasing, quality, maintenance, and planning departments.

Data entry and Bill of Material maintenance of configurable, electro-mechanical products.

Management of Engineering Change Order process.

Authorship of process documents for all phases of document control and configuration management.