

# Matthew C. Roy

Developer, Maker, Problem Solver

## Background

With over 20 years of development experience, I've tackled projects of all sizes from marketing micro-sites to enterprise-level application development. I love problem solving and providing solutions to complex problems. My specialties include developing for non-traditional platforms, systems integration via APIs and image manipulation.

### University of the Arts

Multimedia  
1999-2001

### HACC

Web Development  
2002-2003

## Recent Work History

### Pinnacle Health System

2013-2014

#### Senior Developer, Project Planning, Design

Planned, Designed, Built and Implemented Enterprise SaaS Application for digital forms management to collect and integrate protected patient health information, NICU Camera System and other business applications.

IIS, C#.Net, SQL Server, JavaScript, HTML, CSS, XML

### Pavone Advertising

2009-2013

#### Senior Developer, Development Manager

Quoting, planning, development, testing, implementation, maintenance of client websites, facebook applications, rich media banner ads, mobile applications, and statistical analysis, as well as staff training and management. Managed team of developers, and worked directly with clients and business analysts.

PHP, MySQL, VB.Net, C#.Net, SQL Server, JavaScript, HTML, CSS, Java, Objective C, XML

### Department of Public Welfare

2005-2009

#### Web Designer, Programmer 3

Web design and development for enterprise applications for asp.net, APEX, DocuShare, and Aqualogic portals using Flash, JavaScript, CSS, XML and Web Services with a focus on WCAG and Section 508 compliance.

CSS, HTML, VB.Net, Flash, ActionScript, XML

## Web/Mobile Web



**Web Applications** - Integrated data based systems that interface to and through APIs or direct database integration, including portals, custom content management systems and extensions

**Web Sites** - E-Commerce, Site Development, Enterprise site development, Content Management Systems

**Marketing** - Web Banners, Email Marketing, Micro-sites, Lead Generation

## Native Apps



Entertainment and Business applications for Windows Phone, Windows XP-8, Android, iOS

## Social Media



**Apps** - Games, Contests, Lead Generation

**Integration** - External interfaces for auto-posting, user authentication, and dynamic content curation

## Robotics & Interactive Displays



**Robots** - Autonomous or remote controlled robotics.

**Interactive Displays** - Combining physical computing with kiosk displays to enhance interaction. Custom Human Interface Devices

## Kiosks



Touch screen displays and digital signage for information systems, trade show booths, museum exhibition

## Capabilities

AJAX	CKEditor	Android
APIs	Facebook	Artificial Intelligence
ASP.Net	Flash	BASIC
Cross Browser Compatibility	jQuery	C/C++
CSS	jQuery UI	Eclipse
GD Image	Listrak API	Git
Generative Art	Section 508	SVN
Google Analytics	SQL Server	Java
HL7	TSQL	Joomla
HTML	Wordpress	Oracle APEX
HTML5	XML	SharePoint
JavaScript	Yahoo Maps API	vBulletin
JSON	Yahoo Weather API	Xerox DocuShare
LAMP	.Net CSS Friendly adapters	BEA Aqualogic
Mobile Web	Apache	Google AdWords
MySQL	CKFinder	iOS
PHP	Coda	Macromedia Director
PHP MyAdmin	CSS3	phpBB
QR Codes	Dreamweaver	XSLT
REST	Google Charts API	Augmented Reality
Usability	Google Maps API	HyperCard
WCAG	Google Search API	Windows Phone
Weather Underground	GPS	Zinc
Windows	IIS	Drupal Module Dev
.Net Framework	jQuery Mobile	AVR Microcontrollers
Accessibility	Linux	I2C
ActionScript	Physical Computing	SPI
C#	VB.Net	Project Planning
Visual Studio	Processing	Wireframing
Wordpress Plugin Dev	Serial Communication	Project Management
XSD	TinyMCE	ASP (classic)
iTextSharp PDF	Twitter	DotNetNuke
Lingo	YUI	Drupal
Mac OS	Adobe Air	Image Magic
Mad Mimi API	Arduino	Robotics
MIDI	Access	Visual Source Safe
PayPal API	Scriptaculous	
PointRoll API	VB Script	And many more...

## Testimonials

"[Matt] is an ingenious developer that is always thinking out of the box. I've never given Matt a challenge that he wasn't able to solve."

**Kendra Metz**

Sr. Manager, Digital Engagement  
NASCAR

"Matt's a seasoned developer... He's an original thinker, innately creative and curious."

**Paul Murray**

Director of Digital Experiences  
Pavone

"'Genius' ... Part mad scientist, part inventor, part web guy."

**Mark Richwine**

Freelance Creative Director / Copywriter

"Matt is an extreme combination of creativity and technical expertise ..."

**Kevin Gray**

Director of Enterprise Applications  
DPW Information Systems

"Matt is awesome. Really he is!"

**Stephanie Hemmann**

Marketing Coordinator  
D.G.Yuengling & Son, Inc

**References Available Upon Request**