

Patrick J Dahill

Full Stack iOS, Mobile, Web and Multimedia Developer

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PROFESSIONAL PROFILE

I am a professional solution architect, application developer and development team lead. with extensive experience in both front-end and backend development for both mobile and web applications. My programming experience spans Swift, Objective-C, , C++, C#, Flutter/Dart, Java, and Python. Web Expertise includes HTML5, Javascript, React.JS, Angular, Node.JS, PHP, ASP.NET, and I am most proud of my ability to motivate teams to complete project work through positive feedback. As a tech specialist, I am skilled at working with people and my ability to seek new and improved solutions to development problems.

DEVELOPMENT EXPERTISE

Swift	Objective C	Scala	Flutter/Dart
Java	C++	C#	PHP
Python	JavaScript	Node.JS	Go
HTML5	WordPress	React.JS	JQuery

WORK EXPERIENCE

Capital Markets Company (Capco)

Remote/Consulting

Senior iOS Development, Consultant, August 2022 – December 2022

Tech Delivery Lead (Promotion) December 2022 - Present

- Development team for “Soar” BankUnited’s new iPhone application for Small Business Banking
- Developed GUI/UX for Commerce Bank’s Credit “PayLater” Credit payment service development in Swift
- Promoted to Tech Delivery Lead for Huntington Bank’s CACS System upgrade project.

Stack: XCode SwiftUI, Swift, JSON, XML, C++, Node.JS, Flutter, Angular, React

NextPath/Revenue Management Systems

Remote/Contract

Contract Web Application Developer, September 2021 – March 2022

- Assist in the development of Graphical User Interface and UI/UX designs for Revenue Management Systems enterprise level web products
- I perform overhauls and updates of new pages to meet the needs of clients in both desktop and mobile environments.

Stack: Microsoft.Net, Microsoft MVC, Microsoft Azure, C# Razor (.cshtml) JavaScript, jQuery, HTML5, Angular and Bootstrap

3C Gaming Studios - An Independent iOS Game Development Company.

Remote/Freelance

Freelance Producer/Developer, August 2010 – Present

- Perform Principal Software Developer for “Avid reader” iOS app, a mobile app for reading enthusiasts.
- Visual medium producer/Artistic Director for “Mouse Meals” iOS App
- Principal Application Manager/Developer for “Blackjack Private Table” Upcoming release
- Architect and Principal Designer and Developer of “ReactAssist” A hybrid library written in JavaScript, C# and PHP to accelerate React Development in development stacks outside of Node.JS

Significant Accomplishments

Senior Product Manager/Developer App Store Product - Blackjack Private Table - Upcoming Release for iPhone

Symmetry5x - Principal Designer Developer - iPhone App Store Product

Stack: Xcode, Objective-C, C++, Swift PHP, WordPress MySQL, JavaScript, jQuery, HTML5, React Assist

Thinkful Inc.

Remote/Part Time

Technical Expert/Instructor, February 2018 – December 2021

- Taught students the MERN Stack, HTML, JavaScript, jQuery, Node.JS, React and PostgreSQL in their Full Flex Web Development Boot Camp and assist students with their programming challenges.
- Teach local seminars in Web Development in the Orlando area to show prospective students how we work at Thinkful.

Stack: MERN Stack, HTML, JavaScript, jQuery, Node.JS, React PostgreSQL, WordPress

CCPace/Twisty Systems

Remote/Startup

Contract iOS Developer, September 2018 – October 2018

- Contracted by CCPace to create Twisty Systems MVP (minimum viable product) for start-up funding.
- Wrote the trial version of the Twisty Systems App which included AVTechnology, Core Location, AppleMaps

Stack: iOS, Xcode, MySQL, sqllite3, Objective-C, C++, Swift

Ellucian Company

Full-Time/Remote

Full Time Senior Web Application Developer, May 2016 – August 2017

- Senior planner for design and development of advanced projects in Higher Education Learning and Media.
- Oversaw the port of Rivier University from Ektron CMS/SharePoint to our corporate standard WordPress.

Stack: ASP.NET, C#, C++, VB.NET, PHP, MySQL, JavaScript, jQuery, HTML5, Angular, WordPress

Modis/Florida Virtual School

Contract/Remote

Contract Web Application Developer, December 2015 – April 2016

- PHP web developer contracted to develop FLVS “LessonBuilder” - an application that allowed educators to structure customized teaching plans, complete with visual display, multimedia samples including Interface extensions for learning management systems such as Banner, BrainHoney and LTI. Project completed and released 1 month ahead of target launch date.

Stack: PHP, MySQL, JavaScript, jQuery, HTML5, Angular

Oaktree Software**Contract/Remote****Contract iOS Developer, February 2015 – July 2015**

- Developed the internal bug reporting system, for the iOS implementation of "Accordance Bible Study version 2.0".
- Converted custom code base from Pascal to Objective-C and assisted in preparing the codebase for a port to the android platform.

Stack: Objective-C, C++, Objective Pascal**Mitsubishi Hitachi Power Systems of the Americas****Full-Time/Office****Full Time Senior Applications Architect/Developer, June 2013 – February 2015**

- Developed all internal intranet communication systems to integrate with Microsoft Lync, SharePoint and iOS.
- Developed the communications protocol and the API to interface our native iOS apps with our SharePoint system.
- Created MHPSA's CO2 Calculator, to facilitate customer site compatibility with EPA standards for carbon emissions – working to stem the tide of climate change.
- Maintained, updated and supported all software accordingly

Significant Accomplishments:

MPSA Carbon Manager - Managing Architect and Developer - Enterprise Level Native iPhone Application

Stack: Objective-C, C++, Swift, JavaScript, HTML, HTML5, MVC, Microsoft.NET, SharePoint, C#, VB.NET, SQL SERVER**PatientPoint****Contract iOS Engineer, April 2012 – November 2012****Full-Time/Office**

- Collaborated on development of HealthSync, iOS tablet-based admission systems for Miami Children's Hospital, Manhattan's Physician Group, and CareSpot Urgent Care Centers.
- Developed application communication protocols to help iOS applications communicate with Microsoft Technology Based Servers,
- Worked to ensure all code created maintained HIPAA confidentiality compliance.

Significant Accomplishments:

HealthSync - Principal Developer - Enterprise Level Native iPhone Application

Stack: Objective-C, C++, Swift, JavaScript, HTML, HTML5, MVC, Microsoft.NET, SharePoint, C#, VB.NET, SQL SERVER**Insight Global/Nielsen Media Research****Contract/Remote****Contract iOS Protocol Development Engineer, January 2012 – April 2012**

- Worked to create enterprise level solutions for Nielsen Field Support Staff.
- Developed and deployed Nielsen Wireless Enterprise Distribution system, utilizing Objective C, JavaScript, HTML, XML and ASP.NET.
- Charged with programming all universal classes into internal libraries and frameworks, including proprietary communications protocols, encryption services, and global database formats.

Significant Accomplishments:

Nielsen VCR - Principal Developer - Enterprise Level Native iPhone Application

Stack: Objective-C, C++, C#, Adobe Air, HTML, JavaScript, SQL Server

Experis/Walt Disney Yellow Shoes Creative Group

Contract/Office

Contract Mobile Game Developer, May 2011 – July 2011

- Senior programmer for Yellow Shoes "mydisneygame.com" email campaign online video game.
- Wrote all computer code and to allow porting of the game between JavaScript, HTML5, Flash, and iOS 4.0 native development environments.
- Wrote and supervised all coding standards for this project – working with design team and management to ensure that all design and distribution goals were realized.

Stack: Flash, ActionScript, X-Code, DashCode, iOS Adobe Creative Suite CS5, Photoshop, Illustrator, Dreamweaver, Apple Mac, PC, Apache Cordova. JavaScript, jQuery

WEBSITES

www.flvs.net

www.statestreet.com

www.disneyworld.ca

www.efflorida.com

www.equiserve.com

www.disneyworld.co.uk

www.newpiper.com

www.meds.com

cjcc.ga.gov

www.cannondale.com

www.hunneman.com

www.4-h.org

www.genzyme.com

www.smartraveler.com

www.sylvania.com

PROFESSIONAL EXPERTISE

Leadership

Process Improvement

AWS

Conflict Resolution

Microsoft Visual Studio

Microsoft SQL Server

Adobe Creative Suite

Visual Design

WordPress

Confluence

Jira

Azure

ACADEMIC QUALIFICATIONS

Southern New Hampshire University – Information Technologies (Current Student)

Bridgewater State College - Major: Media Certification Studies

Boston College - Major: Theater Arts

UCLA - Major: Film and Animation (Summer and extension programs.)