

Paul Ledger - Curriculum Vitae

Address:	Goring-By-Sea (Worthing), West Sussex		
Portfolio:	http://www.flexicoder.com	GitHub:	https://github.com/Flexicoder
StackOverflow:	https://stackoverflow.com/users/285190/flexicoder	App store:	http://itunes.com/apps/flexicoderltd Apps I've developed and released under my own account

iOS Development

Xcode	11 years	Core Data	5 years
Objective-C	7 years	SwiftUI	3 months
Swift	5 years		

Android Development

Kotlin	1 year	Android Studio/Eclipse	5 years
Java	4 years	SQLite	4 years

Web/PC Development

C# (.Net Framework)	15 years	Azure	6½ years
SQL Server (V7 – 2016)	14 years	Git	6 years
ASP.Net (MVC/Razor)	12 years	MS VB 2.0-6.0	8½ years
HTML/DHTML/CSS	9 years	IIS	8 years
XML/JSON/SOAP	12 years	Classic ASP	6 years
AngularJS	5 years	SmallTalk	1½ years
Scala	6 months		

Mainframe Skills

DB2 (Relational DB)	5 years	COBOL/CICS	12 years
DL/1 (Hierarchical DB)	10 years	JCL	12 years

Employment History

Sep 2009 – Present	<p>Freelance Developer</p> <p>During my time as a freelancer I've developed and released over 40 apps to the Apple App Store and 13 apps to the Google Play Store. These apps have ranged in functionality from a loyalty programme for Costa Coffee to internal communications for Sky resellers to communicating with Bluetooth devices collecting spores in farmers fields. They have involved collaboration with multiple teams, a number working remotely, and also working on my own to deliver a complete stack solution.</p> <p>Tools: Xcode/Android Studio, Swift, Objective-C, iOS, Core Data, C#, AngularJS, SQL Server, SOAP/JSON/XML/REST/XSLT, ASP.Net, basecamp/TFS/Jira, Agile, GitHub</p>
Jan 2019 – Feb 2020	<p>HMRC – iOS/Android/Scala/HTML</p> <p>Initially contracted to develop a Brexit transportation specific iOS app, this app used the camera to capture barcodes and submit to a MongoDB back end. The app was ready for the original March Brexit deadline. Subsequently I've worked on the web front end for future possible phases of Brexit. I've also worked on the main HMRC iOS and Android apps, adding features such as P800 (tax refund) functionality and Android dark mode</p> <p>Tools: Xcode/Android Studio, Swift, Kotlin, Scala, Agile, TDD, GitHub, Jira, Bitrise</p>

Jul 2012 – Jan 2019	<p>SchoolsBuddy – iOS/Android/C#/Azure</p> <p>This project originally started out as a product called SubsBuddy, the idea being that sports teams could collect subs each week and organise players for future games. The founders were contacted by an international school to see if this product could be used for them to organise after school clubs, giving rise to the product as it is today (https://www.schoolsbuddy.com). For the first 4.5 years of this development I was the sole developer/architect for the complete stack using Azure as hosting and presenting information via a native iOS app, native Android app and Web front end. Webjobs are utilized to offload intensive tasks. The system is currently used by hundreds of schools around the globe, with Azure based data centres in Europe, America and Asia. At peak times there can be thousands of concurrent users, for example when a parents evening is opened. The system also integrates with major school management software such as ISAMS and Managebac, reducing the maintenance work required by the school staff.</p> <p>Tools: Xcode/Android Studio, Swift, Objective-C, iOS, Core Data, C#, AngularJS, SQL Server, JSON/XML/REST/XSLT, ASP.Net, Agile, TFS/Jira</p>
Feb 2010 – Nov 2010	<p>Paxton Access - iOS Developer</p> <p>I've created a suite of 5 iOS applications that integrate into Paxton's new system Net2 Anywhere, these apps allow users with installed Paxton Access to remotely open doors, clock in/out, access reports, maintain users and handle roll calls in an emergency event. The apps support localisation and have been optimised to support iOS4. Wrote a demo iPad app for Paxton to take to IFSEC show, this app rendered a buildings floor plan and placed users on the screen as they swiped through doors.</p> <p>Tools: Xcode, Objective-C, iOS, Core Data, SOAP, SQL Server</p>
Aug 2000 – Sep 2009	<p>.Net Developer</p> <p>Numerous contracts designing and developing .Net based systems, desktop, web, front-end, back-end and full-stack</p> <p>Tools: Visual Studio, C#, SQL Server, HTML, CSS, XML, XSL/T</p>
Oct 1996 – Aug 2000	<p>VB Developer</p> <p>Numerous contracts designing and developing VB based desktop system</p>
Aug 1983 – Oct 1996	<p>Mainframe programmer jobs using COBOL, CICS and DL/1. Lombards North Central, American Express & Informatics Consulting Ltd</p>

Education/Qualifications

1982-	Croydon College, Fairfield, Croydon, Surrey
1983	BEC/TEC National Certificate in Computer Studies with Distinction
1980-	Selhurst High School for Boys, The Crescent, Selhurst
1982	'O' Levels: Physics (B), Chemistry (C), Mathematics (C), Technical Drawing (C), C.S.E's: Art & Design (3)