Thomas Bibby

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Summary

- iOS developer with four years iOS experience and five years general development experience

- For the last four years I have been running my own company which developed a native iPad app. I have made the decision that I would like to switch to working as an iOS developer as an employee

- I have experience of delivering usable apps designed to be used intensively with rock-solid reliability

- Particular experience with writing hardware drivers, network protocols and many techniques and APIs in iOS development including Core Data, UICollectionView, protocols, NSNotificationCenter, etc.

Work Experience - Development

Chief Developer and CEO, Reg Point of Sale, February 2012-

- Reg is a native iPad point of sale app, used by over 100 independent retailers in Ireland, including 9 out of the top 100 restaurants, to run their business

- Fully native app, all code and design done in-house (apart from one small socket library)

- Managed a team of 2 (junior developer and designer), responsible for all architecture decisions and launch timeline

- Wrote custom hardware driver in printer command language to communicate with receipt printer

- Developed separate Reg Remote app to allow multi-terminal installations, including creating a custom network protocol over TCP

- Heavy use of Core Data, including performance optimisations (most customers entering over 500 transactions a day through the app)

- Named one of Ireland's Top 100 Hot Startups by Sunday Business Post

February 2002-February 2012 - manager in not-for-profit sector

- I spent ten years in various management positions in the not-for-profit sector, after two years volunteering in West Africa (details overleaf)

Web application developer/stakeholder communications co-ordinator, NHS Training Scotland: 2000-2002

- After leaving college, I was contracted by NHS Training Scotland to develop two CRUD apps that would survey dentists and child health professionals in Scotland about their professional development built on top of Linux/Apache/MySQL/PHP stacks, no third party PHP used

Other projects

- I enjoy programming in Python in my spare time, projects include an internet-connected pressure mat that delivers iOS push notifications via a Raspberry Pi http://thomas.bibby.ie/lab-notebook

- I co-host a weekly podcast with two other iOS Developers: http://worstcasescenario.ie

- I organised Limerick's first hackathon in 2015, focusing on Arduino-based hardware projects - http://limerickhackathon.com

- Wrote my own WordPress theme from scratch to mimic Safari's Reader Mode (search for "direach theme")

- Co-organiser of the Limerick iOS Development meetup - I am delivering the next event's talk (on Core Data)

- Contributed to the open source 'Seriously Simple Podcast' WordPress plugin

Other work experience

- CEO Move Ireland (domestic violence charity) 2011-12

- Manager, Limerick Volunteer Centre 2010-11

- Enterprise Officer, Ballyhoura Development (rural development) 2008-10

- Director of Membership Services, Philanthropy Ireland 2005-8

- Marketing Manager, Voluntary Service Overseas Ireland 2004-5

- Volunteer Education Programme Manager, Voluntary Service Overseas Ghana 2003

- Volunteer Chemistry/IT teacher, Western Ghana, 2002-3

Education

Certificate in Management, The Open University, 2006-2014

- Completed 80% of the MBA course but was unable to fully complete due to time constraints

BA(Mod) Computational Chemistry, Trinity College, Dublin – 1997-2001

- Four-year degree focused on using computational and numerical methods to simulate chemical reactions. Final year project involved using the TCD/QUB IBM supercomputer to run simulations written in FORTRAN of a new liquid crystal. Finals result: 2:1.

Other skills

- Extremely strong verbal and written communication skills

- Ability to manage a team, communicate with wide range of stakeholders

- Understanding of the importance of delivering business value