

Daniel Bell

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Summary

I am an experienced SwiftUI Engineer looking for where I can apply my skill set in their mobile app. I have led multiple projects, of varying complexity, where we used SwiftUI 100%, no UIKit. I have built IOS apps, Widgets and WatchOS from design and released features.

I graduated from the University of Calgary in 2015, with a double degree in computer science and economics. I have a background in iOS, WatchOS development and data structures, and databases.

I have lead:

- update the Zoosk app to use Swift as well rewrite and redesign the network layer
- add WidgetKit to the E*Trade app utilizing SwiftUI
- Writing WatchOS app in SwiftUI
- mentor and rewrite a feature in SwiftUI after the team failed the project

Specialties: SwiftUI, Swift, Objective C, iOS, Solidity, smart contract, web3.js, web3.swift

Tools: Xcode, Cocoapods, SPM, Firebase, crashlytics

Experience

Senior iOS Mobile Engineer

Okcoin

Aug 2022 - Present (1 year 4 months)

Programming in Swift, UIKit

- Architect and Design iOS code.
- Participate in the Software Development Life Cycle of the Main iOS app
- Implement UI using UIKit
- Implement business logic of applications.
- Worked as part of a cross-functional team, implementing UI designs and in-app API contracts
- utilizing object-oriented design, MVC, Protocol oriented programming, generics, MVVM.

Staff Software Engineer

E*TRADE from Morgan Stanley

Aug 2019 - Jul 2022 (3 years)

- Programming in Swift, UIKit, SwiftUI, Combine, WidgetKit and WatchOS
- Tech Lead, Architect and Design iOS code.
- Participate in the Software Development Life Cycle of the Main iOS app
- Architect WatchOS app, Widgets, SwiftUI Project
- Implement networking logic
- Implement UI using SwiftUI
- Implement business logic of applications.
- Supported updating to new XCode versions

- Released update for app
- Worked as part of a cross-functional team, creating UI designs and API contracts
- utilizing object-oriented design, MVC, Timeline, Protocol oriented programming, functional programming, generics, MVVM.
- utilized Apple iTunesConnect including Certificates, provisioning profiles and pushing updates.
- Conducted code reviews, participated in Agile processes.

CTO

BitLedger

Jul 2016 - Jan 2022 (5 years 7 months)

- Architect and design software system
- perform duties of DevOps, Full stack engineer, Visionary, Co-Founder, Mobile engineer
- Programming in Swift, MongoDB, CSS3, HTML5 and JavaScript.
- Planning, designing, and developing CRM application in Swift, functionality includes quick actions, 3D touch, custom networking to access REST API, size classes to build functional versions for iPad and iPhone
- Planning, designing, and developing API in NodeJS, functionality includes user management, secure file management, CRM
- started Planning, designing, and developing front end in ReactJS(redux)
- Worked on performance optimization, including multi threading.
- Implement business logic of applications.
- utilizing object oriented design, MVC
- utilized Apple TestFlight, iTunesConnect including Certificates, provisioning profiles and pushing updates
- backend is built on Linux servers utilizing AWS
- Use relevant methodologies, policies, and standards to develop secure program code.



Software Engineer ios

Zoosk Inc.

Jan 2018 - Aug 2019 (1 year 8 months)

- Architect and design networking layer.
- Programming in Swift, Objective C.
- Worked on performance optimization, including multi threading.
- Implement business logic of applications.
- utilizing object-oriented design, MVC, Protocol oriented programming, functional programming.
- utilized Apple iTunesConnect including Certificates, provisioning profiles and pushing updates.
- Worked as part of a cross-functional mobile team.
- Conducted code reviews, participated in Agile processes.

Senior Software Engineer

Graph Date

Feb 2016 - Jul 2016 (6 months)

- Design, architect, build, refactor web app based platform software
- Planned, designed, and developed both frontend and backend
- programming in NodeJS, MongoDB, CSS3, HTML5 and JavaScript, AngularJS 1, Bootstrap
- backend is built on Linux servers utilizing AWS

iOS engineer

Stylelabs, a Sitecore company

Apr 2015 - Sep 2015 (6 months)

- Programming in Objective-C and Swift
- Planning, designing, and developing social network application
- Worked on performance optimization.
- Implement business logic of applications.
- Use relevant methodologies, policies, and standards to develop secure program code.
- Collaborated with full stack developer

Student

University of Calgary

Sep 2011 - Apr 2015 (3 years 8 months)

Summer Internship

Google

May 2014 - Aug 2014 (4 months)

iOS development



Cyberport Technician

Cybera

Nov 2008 - Jul 2009 (9 months)

manage and maintain cyberport

I worked with a lifesize system, accessgrid, and worked with windows 7 as a base for videoconferencing. I also did some work with web servers

data processor

penny lane communications

Mar 2007 - Oct 2008 (1 year 8 months)

data processing and systems administration

I worked with FoxPro, and supported windows 98, 2000, XP. I also worked on server 2003.



DOC agent

Dell Technologies

Nov 2006 - Feb 2007 (4 months)

I provided over the phone support, I worked with XP and Vista

Agent

2006 - 2006 (less than a year)

I provided support for Comcast customers in the area of internet, I worked with 2000, XP, Vista, Mac OSX,

Education



University of Calgary

Bachelor's degree, Computer Science and economics

2011 - 2015

Graduated with 2 bachelor degrees



University of Alberta

BSc, Computing Science

2009 - 2011

Skills

Mac • Core Data • Key Management • iPad Development • Non-Fungible Tokens (NFTs) • iOS development • Swift (Programming Language) • Objective-C • Computer Science • Investments

Honors & Awards

HackingHealth First Place - Developer (2014) - Hacking Health Calgary

Jun 2014

My team won first place.