Damian Sullivan

Mobile Solutions Architect

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Profile

Accomplished Mobile Solutions Architect with over 16 years of experience in enterprise mobile development. Skilled in designing and building scalable and secure mobile solutions.

Proven track record in leading global teams, driving technology strategies, and aligning mobile solutions with business objectives. Adept at collaborating with cross-functional teams, the agile development process, and delivering across iOS, Android, and web platforms.

Experience

Mobile Solutions Architect

Hertz

June 2020 - Present (contract)

- **Collaboration**: Collaborated closely with product managers and stakeholders to translate business requirements into technical solutions.
- **Architecture:** Developed comprehensive architectural blueprints, including system diagrams, data flow models, and technical specifications. Guiding cross-functional delivery teams in best practices.
- **Technical Leadership:** Hands on technical leadership for a cross-functional team of iOS, Android, web and service developers.
- **App Development:** Delivered mobile solutions (iOS, Android, and React Native), enhancing app functionality, performance, scalability, and security to support millions of users.
- **API Integration:** Defined and integrated mobile-first APIs.
- **Performance:** Implemented performance optimizations through analytics and A/B testing, contributing to data-driven improvements in the user experience.
- **Best Practice:** Promoted engineering excellence and best practices.

Senior Mobile Developer (iOS and Android)

iKydz

September 2019 - June 2020 (contract)

- **App Development:** Sole developer delivering the iOS and Android apps.
- **Security:** Architected and developed apps to enhance child device security and control internet access.

Senior Mobile Developer (iOS and Android)

YBOO

April 2018 - August 2019 (contract)

- **App Development:** Architected and developed iOS and Android apps to monitor usage and recommend mobile plans.
- **Location Services:** Incorporated location services to deliver personalised recommendations based on users' geographical data and usage patterns.
- **Mapping:** Integrated mapping technologies to visualise user data, driving engagement.

Lead iOS Developer
Citi Group
July 2016 - March 2018 (contract)
- **Team Leadership:** Led an international team of iOS developers.
- **App Development:** Developed and deployed applications to streamline operations.

Senior iOS Developer
Crewfactors
January 2016 - June 2016 (contract)
- **Team Leadership:** Led iOS development for a startup project.
- **App Development:** Implemented functionality for audio recording, peer-to-peer synchronisation, and graphical communication analysis.

Senior Mobile Developer (iOS and Android)
Realex Payments
September 2015 - January 2016 (contract)
- **Team Leadership:** Led iOS development as the sole developer, overseeing Android developer.
- **Native Libraries:** Implemented native components for secure credit card payment processing.
- **Encryption:** Ensured secure exchange of encoded JSON with Realex's Hosted Payments solution.

Senior Mobile Developer (iOS and Android)
Vodafone
September 2013 - August 2015 (contract)
- **App Development:** Sole developer on the iOS team, managed Android developer.
- **Low Level Services:** Use location, background services, and low level APIs to track user's data usage.

Senior Mobile Developer (iOS and Android)
Telia
January 2009 - August 2013 (contract)
- **Team Leadership:** Managed a team of five developers as the lead developer.
- **Business Results:** Reduced support costs by implementing self-service apps for customers.
- **App Development:** Developed iOS and Android apps for various brands, languages, and markets.

Development Manager
BNY Mellon
May 2008 - January 2009 (contract)
- **Team Leadership:** Managed development teams in Dublin, London, and India.
- **Best Practice:** Implemented processes and controls for development practices.
- **Business Results:** Enhanced productivity and reduced expenses.

CTO
Brightstar Software
2008 - Present
- **Founder:** Founded a company specialising in app development services.
- **App Development:** Delivered 80+ apps across various platforms.
- **Responsibilities:** Balanced hands-on development with team management responsibilities.
- **Recognition:** Contributed to award-winning apps for top brands.
- **Details:** Visit https://www.brightstarsoftware.com for comprehensive information.

Engineering Manager
Houghton Mifflin Harcourt

2007 - 2008
- **Team Leadership:** Managed the global engineering team.
- **App Development:** Developed cutting-edge e-learning products with J2EE and .NET.
- **Responsibilities:** Oversaw scheduling, architecture, and development processes.
- **Best Practice:** Established a centre of excellence for software development.

CTO
Ergo

2003 - 2007
- **Team Leadership:** Led all software development as the head of the department.
- **Responsibilities:** Managed department budget and overall financial performance.
- **Growth:** Expanded Software Solutions division from 3 to over 50 team members.
- **Recognition:** Received ICT Award for Integration Company of the Year in 2006.

Developer / Senior Developer
AIB Capital Markets

1995 - 2003
- **Technical Skills:** Acquired expertise in the software development lifecycle.
- **App Development:** Developed a comprehensive understanding of web technologies.

Education

- Dublin City University – Bachelor of Science in Computer Applications, first class honours, 2004
- University College Dublin – Bachelor of Business and Legal Studies, 2.1 honours, 1995

Technical Skills & Competencies

Programming Languages
- **iOS:** Swift, Objective-C
- **Android:** Kotlin, Java
- **Web:** JavaScript

Frameworks
- **UI:** UIKit, SwiftUI, Jetpack Compose
- **Networking:** URLSession, Alamofire, Retrofit, OkHTTP
- **Concurrency**: GCD, Combine, Async/Await, Coroutines
- **Data:** Core Data, SwiftData, Room, SQLite

Development Practices
- **Design Patterns:** MVC, MVVM
- **Testing:** XCTest, XCUITest, Espresso
- **CI/CD:** Jenkins, Fastlane, Xcode Cloud
- **AB Testing:** Firebase, LaunchDarkly, Optimizely

Architectural Design
- System Diagrams
- Data Flow Models
- Technical Specifications
- API Specifications

Soft Skills
- Technical Leadership
- Collaboration
- Communication
- Problem Solving
- Attention to Detail
- Agile

Integration & Infrastructure
- REST APIs
- Microservices / BFF
- AWS