

Damian Sullivan

Senior Mobile Developer & Solutions Architect

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Profile

Senior Mobile Solutions Architect with over 16 years of expertise in mobile development, specialising in designing, and building, scalable and secure solutions. Proven track record in leading global teams, driving technology strategies, and aligning mobile solutions with business objectives. Expert in developing architectural blueprints, integrating innovative technologies, and leading cross-functional teams.

Experience

Senior Mobile Architect

Hertz

June 2020 - Present (contract)

- **Technical Leadership:** Hands on technical leadership for a cross-functional team of iOS, Android, and service developers.
- **App Development:** Architected and led the development of mobile solutions (iOS, Android, and React Native), enhancing app performance, scalability, and security to support millions of users.
- **Architecture:** Developed and documented detailed architectural blueprints, including system diagrams, data flow models, and technical specifications.
- **Collaboration:** Collaborated closely with product managers and stakeholders to translate business requirements into technical solutions.
- **API Integration:** Defined and integrated mobile-first APIs.
- **Performance:** Analytics and AB testing to allow performance optimisation and data-driven conversion improvements.
- **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