

Rishi Kumar

Bengaluru, Karnataka 560068 | +91 9555059349 | rishi.singh106@gmail.com | [LinkedIn](#)

Summary

Dynamic iOS Lead Engineer with over 13 years of experience in architecting, developing, and delivering high-performance mobile applications. Demonstrated expertise in leading and mentoring engineering teams, designing scalable and secure architectures, and managing end-to-end delivery within Agile environments. Proven success in application performance optimization, mobile security, and building intuitive, user-focused experiences across diverse domains, including e-commerce, gaming, and social platforms.

Recognized for driving technical innovation, enhancing app stability and scalability, and maintaining excellence in modern iOS technologies and best practices. Experienced in App Store release management, adherence to Apple's Human Interface Guidelines, and implementation of comprehensive Unit and UI testing frameworks to ensure product quality and reliability.

Technical Skills

Languages: Swift, Objective-C, C#

Frameworks: UIKit, SwiftUI, Cocoa Touch, Combine, Core Animation, AVFoundation, MapKit, Core Data, Core Location, StoreKit, Security / Keychain, UserNotifications, BackgroundTasks

Architecture: MVVM, MVC, Clean Architecture, SOLID Principles, Design Patterns (Singleton, Factory, Observer)

Tools & CI/CD: Xcode, Git, CocoaPods, Carthage, Fastlane, Jenkins, Jira, Confluence, SonarQube

SDKs & APIs: iBeacon, Estimote SDK, Juspay, Razorpay, Braintree, AppsFlyer, OneSignal, APNs, Unity (iOS Integration)

Analytics & Monitoring: Crashlytics, Sentry, Firebase, App Store Connect Metrics

Leadership and Delivery: Team Mentoring, Code Reviews, Agile / Scrum Practices, Release Management

Core Concepts: Agile Methodologies, Multithreading, Concurrency, Memory Management, On-Demand Resources (ODR), React Native Bridging, RESTful APIs, Social Media Integrations (Facebook, Twitter), Auto Layout, RSA Encryption, SQLite, Websockets

AI Tools: Proficient with **Codex, Stitch, and ChatGPT** to accelerate development, generate boilerplate, improve architecture quality, and significantly speed up prototyping and performance analysis.

Professional Experience

SDE-3 (iOS Lead) | MPL | Bengaluru, India

Apr'21 - Present

- Led iOS development for MPL, a high-traffic gaming platform with **millions of active users**.
- Optimized app launch by **40%** using lazy initialization, modular architecture, and background task scheduling.
- Architected and integrated **payment SDKs** (Juspay, Razorpay, Braintree) ensuring secure, seamless global transactions.
- Enhanced security through **AppGuard**, protecting against reverse engineering and unauthorized access.

- Improved analytics and marketing attribution with **AppsFlyer** integration.
- Reduced app size and improved UX using **On-Demand Resources (ODR)** for Unity assets.
- Mentored engineers, drove code-review culture, and improved delivery efficiency via **CI/CD pipelines** and **SonarQube** quality gates.

Key Achievements:

- Improved app launch performance by **40%**, reduced crash rate by **25%**, and streamlined release cycles by **30%**.
- Increased **Crash-Free User (CFU)** rate from **98.5%** → **99.9%** for 1.5M monthly active users.
- Enhanced launch speed by **50%**, reducing startup time from 6 to 3 seconds.
- Scaled MPL's core gaming app, contributing to millions of installs and consistently high App Store ratings.

Senior Software Engineer | Recrosoft Pvt. Ltd | Bengaluru, India *Jan'19 - Mar'21*

- Designed and implemented **scalable iOS architectures** using MVVM and Clean Architecture.
- Improved code quality and standards compliance via **SonarQube** and automated static analysis.
- Managed Git workflows and code reviews, ensuring efficient team collaboration.
- Implemented advanced iOS features such as **Keychain sharing**, **Push Notifications**, and **BackgroundTasks**.

Senior Software Engineer | Appster Information Technology | Gurugram *Mar'16 - Dec'18*

- **Grill'd App (Australia)**: Developed customer-centric food ordering app with promotions, loyalty features, and localized content.
- **SwingU App (US)**: Built core iOS modules for a leading golf instruction platform providing personalized coaching and lesson playback.
- **RealifeChange App**: Delivered key features enabling user mood tracking and personalized behavioral insights.

Software Engineer | Aims Migital Technovations Pvt. Ltd | Gurugram *Apr'11 - Feb'16*

- Developed and maintained iOS health and news applications, improving engagement and retention.
- Implemented **in-app purchase (IAP)** and subscription modules, enhancing monetization.
- Delivered UI/UX improvements using **Auto Layout** and **Core Animation** for responsive experiences.

Key Projects

- [Mobile Premier League \(MPL\)](#): Leading real-money gaming platform; optimized app architecture and startup performance.
- [Grill'd](#): Food delivery and loyalty app for Australian restaurant chain..
- [SwingU](#): Golf training app with live video coaching and analytics.
- [MevoFit](#): Fitness and lifestyle app integrating BLE devices and health tracking.

Education

- Master of Computer Applications (MCA) - IGNOU
- Bachelor of Computer Applications (BCA) - IGNOU