




# Alok Singh

## Senior Software Engineer at Grab

10+ Years of iOS Excellence | Swift, SwiftUI, Objective-C | Building Scalable Apps

 alok.singh.confident@gmail.com  +91 8287757210  Bangalore, India  LinkedIn · 19,000+ followers

 GitHub  Portfolio  App Store

Total Experience  
**10+ Years**


iOS Development  
**10+ Years**


Swift Expertise  
**8+ Years**


Education  
**B. Tech | ECE**


LinkedIn Followers  
**19K+**


## Core Competencies


 **iOS Development**  
Swift, SwiftUI, UIKit, Objective-C, 18 Apps

 **Architecture**  
MVVM, VIPER, Coordinators, Clean Architecture

 **Frameworks**  
Combine, Concurrency, Core Data, Realm


 **CI/CD & Tools**  
Fastlane, Xcode Cloud, GitHub Actions

 **Modern Tech**  
AI, Flutter, React Native

 **Analytics**  
Firebase, DataDog, Moengage, Singular

## Professional Experience



**Grab**  
**Senior Software Engineer**  
 Singapore/Bangalore · Full-time

Jan 2021 – Present

- Revamped **legacy modules** across Consumer, Driver, and Merchant apps, improving performance, maintainability, and developer experience
- Enhanced code quality by significantly improving **Unit test, UI test, and snapshot test coverage**
- Led end-to-end **CI/CD development**, establishing efficient pipelines to support continuous integration, automated testing, and smooth deployment workflows
- Collaborated cross-functionally with product managers, designers, and other engineering teams to design and implement **scalable software solutions using RIB, MVVM, VIPER, and Clean Architecture**, boosting system performance and user satisfaction
- Mentored **junior engineers**, encouraging growth through code reviews, technical guidance, and promoting Agile and software development best practices
- Translated complex requirements into functional features, streamlining delivery timelines and ensuring alignment with product goals
- Conducted regular **code reviews**, implementing QA measures that increased code quality and reduced production issues
- Led **system migrations** from legacy architectures to modern solutions, improving scalability and reducing long-term operational costs
- Integrated **modern payment methods**, expanding financial functionality and improving the overall payment experience for users
- Troubleshoot and resolved complex technical issues, improving system reliability and user experience
- Managed multiple high-impact projects simultaneously, maintaining strict deadlines while upholding high-quality standards
- Acted as an active code reviewer, maintaining code consistency and engineering excellence across teams
- Led patenting meetings as the **patent champion**, fostering a culture of innovation and IP development


### Key Achievements:

Patent Champion - Led innovation initiatives

Improved CI/CD efficiency by 40%

Reduced production issues by 50% through code reviews



**OYO**  
**SDE 3 · iOS, Backend**  
 Gurugram, India · Full-time

Nov 2018 – Jan 2021

- Individual contributor responsible for core development of OYO's consumer-facing iOS app in a fast-paced, large-scale environment

- Led multiple major product revamps over 2 years, resulting in significantly improved user experience and app performance
- Improved **App Store rating from 3.7 to 4.7**, driven by UX improvements, crash reduction, and performance enhancements
- Implemented **unit testing infrastructure**, increasing code coverage from 4% to 32%, greatly improving reliability and confidence in code changes
- Enhanced app architecture by introducing and refining **VIPER, MVVM, RIB, and Clean Architecture**, improving modularity, testability, and long-term maintainability
- Strengthened app security through implementation of SSL pinning and fraud detection mechanisms
- Contributed to widgetization and modularization, improving feature scalability and reducing code duplication
- Maintained **>99.97% crash-free sessions**, improving app stability and reducing user complaints
- Mentored **10+ engineers**, providing guidance on architecture, code quality, Agile methodologies, and best practices
- Led API stability and performance improvements, ensuring a smooth and responsive user experience
- Owned end-to-end iOS release lifecycle — from development, testing, and deployment to App Store submission, crash analysis, and stability monitoring
- Developed scalable iOS applications using Swift, increasing user engagement and retention
- Collaborated with cross-functional teams to design and implement RESTful APIs, enhancing backend reliability and app performance

#### 🏆 Key Achievements:

App Store Rating: 3.7 → 4.7 (27% improvement)

Test Coverage: 4% → 32% (700% increase)

Crash-free Sessions: >99.97%

Mentored 10+ engineers



## Previous Experiences

iOS Developer · Sr. iOS Developer

📍 India · Full-time

Apr 2011 – Nov 2018

GlobalLogic (Sep 2017 – Nov 2018) · Orahí (Feb 2016 – Sep 2017) · ApplInventiv (Feb 2014 – Feb 2016) · Konstant Infosolutions (Mar 2013 – Feb 2014) · Ayansys Solutions (Apr 2011 – Mar 2013)

- Led end-to-end iOS application development as a standalone contributor, from architecture and UI/UX design to deployment and maintenance
- Collaborated with cross-functional teams including designers, backend engineers, and business analysts to deliver feature-rich, high-performance applications
- Participated in UI design and user behavior analysis, contributing to data-driven decisions for feature enhancements and customer experience improvements
- Designed and optimized **fraud detection algorithms** and improved app security practices
- Actively involved in pre-sales efforts, assisting the business analysis team in gathering requirements, evaluating technical feasibility, and scoping projects
- Played a key role in **hiring and onboarding**, conducting interviews, evaluating new graduates, and mentoring junior developers
- Contributed to software architecture discussions, driving decisions around best practices for **scalable, maintainable codebases using RIB, MVVM, VIPER, and Clean Architecture**
- Advocated for creativity in UI/UX, regularly enhancing the visual and interactive elements of applications without constraint
- Ensured high product quality through rigorous testing and debugging, maintaining stability across releases
- Adapted quickly in fast-paced, competitive environments, taking full ownership of deliverables and continuously seeking to improve code quality and user satisfaction

## Technical Skills

### Languages:

Swift, Objective-C, Java, C++, C, Flutter

### Platforms:

iOS, macOS, Symbian (S60), Qt, React Native, SpringBoot

### Tools & Technologies:

Xcode, IntelliJ, VS Code, Charles, Postman, SQLite, Core Data, Realm, MySQL

### CI/CD & Quality:


Fastlane, SonarCube, GitHub Actions, Xcode Cloud, Google Analytics, Firebase, DataDog

## Open Source & Community

 **GitHub**

Public repositories and community contributions

[github.com/aryansbtloe](https://github.com/aryansbtloe)

 **Cocoa Controls**

iOS UI components contributor

[cocoacontrols.com](https://cocoacontrols.com)

 **Blog**

iOS development insights & tutorials

[medium.com/@alok.singh.confident](https://medium.com/@alok.singh.confident)

## My Apps on App Store (18 Personal Apps Published) · [View All →](#)



**Exotic Wallpapers HD**

Photo & Video · FREE

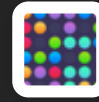
★ 5.0 (4 reviews)



**Marbles Popperz**

Games · FREE

★ 5.0 (2 reviews)



**Speck Match**

Games · FREE

★ 5.0 (1 review)



**Haptics Explorer**

Developer Tools · FREE

★ 4.8 (4 reviews)



**Facts and Quotes**

Health & Fitness · FREE

★ 4.8 (4 reviews)



**Currency Converter: Fast**

Finance · FREE

★ 4.7 (7 reviews)



**Medicine Tracker**

Medical · FREE

★ 4.7 (6 reviews)



**Tic Tac Toe: Time Pass**

Games · FREE

★ 3.8 (13 reviews)



**UI Catalogue**

Developer Tools · FREE

★ Available



**Data Structures & Algorithms**

Education · FREE

★ Available



**Drums n Piano**

Music · FREE

★ Available



**Scan Via Cam**

Productivity · FREE

★ Available



**Hashtags Creator**

Social Networking · FREE

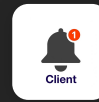
★ Available



**Tuner - Chromatic Guitar Tuner**

Utilities · FREE

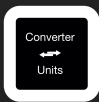
★ Available



**Push Notification - Client**

Developer Tools · FREE

★ Available



**Converter : Units**

Productivity · FREE

★ Available



**Mic to Speaker - Virtual Mic**

Music · FREE

★ Available



**Daily Pills : Reminder**

Health & Fitness · FREE

★ Available

This resume was generated from my interactive portfolio at <https://aryansbtloe.github.io/>  
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