



Abhishek Suryawanshi

Senior iOS Developer

My Links

- abhisheksuryavanashi
- My blog
- Portfolio

Contact

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- Nagpur India

Senior iOS Engineer with 7+ years of experience building scalable, high-performance mobile applications.

Specialized in building production-grade real-time communication systems (WebRTC + CallKit) on iOS, used in production applications serving thousands of users.

Handled complex real-world scenarios including background execution, terminated states, and multi-device synchronization.

Expert in handling complex iOS lifecycle challenges including background execution, terminated app states, and real-time synchronization across devices.

Delivered critical real-time communication features in production iOS applications, improving reliability across unstable network conditions and edge-case scenarios.

Education

Post Graduation Diploma

Centre for Development of Advanced Computing, Hyderabad, India (2016)

Networking, Cyber Security

Bachelor of Engineering, Computer Science

Rashtrasant Tukdoji Maharaj Nagpur University, India (2015)

Computer Science, Database, OOPs, C, C++

Skills

Real-Time Communication (Specialization)

- ▶ WebRTC (Audio/Video, SDP, ICE, TURN/STUN)
- ▶ AVFoundation, AVAudioSession (advanced audio handling)
- ▶ Multi-device call synchronization
- ▶ CallKit, PushKit (VoIP)
- ▶ Background, terminated & locked-state call handling
- ▶ Bluetooth audio routing (HFP / A2DP)

iOS Development & Architecture

- ▶ Swift, SwiftUI, Objective-C
- ▶ Async/Await, GCD, Combine
- ▶ Unit testing, TDD
- ▶ MVVM, VIPER, Clean Architecture
- ▶ Memory management, performance optimization

Networking & Backend Integration

- ▶ REST APIs, GraphQL, WebSockets
- ▶ Error handling, retry & resilience strategies
- ▶ Real-time signaling & synchronization

Tools & Delivery

- ▶ Git, Bitbucket, CI/CD, Jenkins
- ▶ TestFlight, Crashlytics, App Store Releases
- ▶ Jira, Confluence, Agile (Scrum)

Experiences

iOS Developer



Smartworking - Since January 2025

Client: YEO Messaging (UK)

Product: YEO Messaging / YEO Business (Production iOS App)

App Store: <https://apps.apple.com/in/app/yeo-business/id6738390541>

Real-Time Communication (WebRTC & CallKit)

- Owned and delivered a production-grade WebRTC-based voice and video calling system used by thousands of users, improving call reliability across unstable networks and complex app lifecycle states.
 - Designed and integrated CallKit and PushKit (VoIP), ensuring seamless call experience across foreground, background, and terminated app states.
 - Built robust signaling and multi-device synchronization logic to handle cold start, delayed app unlock (Face ID), and cross-device call coordination.
 - Implemented advanced audio routing (AVAudioSession) with Bluetooth, speaker, and receiver prioritization, ensuring consistent call behavior across devices.
 - Improved call reliability and stability by handling edge cases related to network interruptions, signaling delays, and lifecycle transitions, while delivering multiple production releases.
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Software Developer



Qasr Almas Information Technology Co - May 2023 to August 2024 - Dubai

Project: Boxing Warrior (iOS)

App Store: <https://apps.apple.com/in/app/boxing-warrior/id6499583442>

- Delivered and maintained a production iOS app, driving features, performance improvements, and App Store releases.
 - Resolved QA and production issues, improving stability and release cycles.
 - Collaborated with cross-functional teams (design, backend, QA) to deliver high-quality features in an Agile environment.
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iOS Developer Consultant



Capgemini India - October 2021 to December 2022 - Pune

Client: McDonald's

Project: McDonald's

App Store: <https://apps.apple.com/ca/app/mcdonalds-canada/id375695000>

- Delivered features for a high-traffic consumer iOS app (McDonald's), used by thousands of users.
 - Owned feature development, bug fixes, and production issue resolution, ensuring stability and performance.
 - Worked within MVVM/VIPER architectures and CI/CD pipelines, collaborating with cross-platform teams to maintain consistency.
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iOS Developer



Plexasys Solution Pvt. Ltd. - October 2019 to September 2021 - Nagpur

- Delivered multiple production iOS applications across utilities, travel, and marketplace domains, including App Store releases and API integrations.
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iOS Developer



Netnaca Pvt. Ltd. - October 2018 to June 2019 - Nagpur

- Developed a workforce management iOS app with location tracking, QR check-ins, and role-based features.
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iOS Developer

Phian Infotech Pvt. Ltd. - January 2017 to August 2018 - Nagpur

- Contributed to consumer iOS applications and implemented localization (English/Arabic) with App Store releases.
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