SURAJ KUMAR MANDAL

Senior IT Analyst (iOS Developer)

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Objective

Skilled iOS developer with over 5 years of experience in creating successful mobile applications for iOS devices. Expertise includes a deep understanding of iOS frameworks such as UIKit, Core Animation, and Core Data, along with proficiency in Objective-C and Swift.

Well-versed in Apple's Human Interface Guidelines, enabling the design of intuitive and user-friendly applications that align with user expectations. Successfully managed app deployment on the App Store, overseeing the submission process from start to finish.

Strong problem-solving abilities, effective communication skills, and a collaborative approach make for a valuable team member in any development environment.

Experience

Senior IT Analyst (iOS)

Finlabs India (P) Ltd. | Mumbai, Maharashtra

August 2021 – Present

- Designed and developed 3-4 iOS applications for in-house products, ensuring high-quality performance and user experience.
- Customized and delivered product-based applications to meet specific client requirements.
- Successfully managed the entire app submission process, including uploading apps to the Apple App Store.
- Converted an existing product into an SDK, expanding its use and flexibility for third-party developers.
- Gained hands-on experience in **Flutter** to develop cross-platform product applications.
- Provided mentorship and technical guidance to junior developers, fostering skill development and best practices.

Junior Software Programmer
Suyog Computech (P) Ltd. | Bhubaneswar, Odisha
January 2019 – August 2021

- Completed training in HTML, CSS, jQuery, Java Script, PHP.

- Assisted lead developers in the analysis, design, development, and performance optimization of web applications.
- Collaborated closely with product management, QA, and the development team to continuously enhance application functionality and performance.
- Integrated e-commerce functionality into existing applications, improving user experience and expanding product features.

Education

Gandhi Institute of Technological Advancement, Bhubaneswar

- BTech in Computer Science & Engineering
- 2015 - 2019 | CGPA – 7.0

Kendriya Vidyalaya, Baripada

- 12th (Science)
- 2012 - 2014 | Percentage – 65%

Kendriya Vidyalaya, Baripada

- 10th
- 2012 | Percentage – 86%

Technical Skills

- **iOS Development**: Swift, Objective-C
- **Frameworks**: UIKit, Core Data, Core Animation, Core Graphics, Core Location, AVFoundation
- **Architectural Patterns**: MVC, MVVM, VIPER, Delegate, Singleton, Observer
- **API Integration**: RESTful APIs, JSON
- **Third-Party Libraries**: Alamofire, Firebase, Realm, SwiftyJSON, Kingfisher, SnapKit, RxSwift
- **UI/UX Design**: Storyboards, Auto Layout, SwiftUI, Interface Builder
- **Testing & Debugging**: TestFlight, Unit Testing, UI Testing, Automated Testing
- **Version Control**: Git, GitHub
- **App Store Deployment**: App Store Connect, Provisioning Profiles, Certificates, Code Signing
- **Cloud Services**: Firebase, CoreML, Push Notifications
- **Cross-Platform Development**: Flutter
- **SDK Development**: Creating and managing iOS SDKs
- **Tools**: Xcode, CocoaPods, Postman

Soft Skills

- **Problem Solving & Debugging:** Efficient at diagnosing and resolving complex issues.
- **Collaboration:** Work closely with cross-functional teams (Product, QA, Backend) to deliver high-quality apps.
- **Mentorship:** Provide guidance, training and solutions to junior developers.
- **Communication:** Clear communication with stakeholders, technical and non-technical teams.
- **Project Management:** Ability to handle multiple projects simultaneously and deliver on deadlines.

Industry Skills

- **App Store Guidelines:** Deep understanding of Apple's Human Interface Guidelines and App Store submission process.
- **Agile & Scrum Methodologies:** Experience working in Agile environments, conducting code reviews, and participating in sprint planning.
- **Data Management:** Core Data, SQLite, Realm, Keychain, UserDefaults
- **Performance Optimization:** Knowledge in app performance tuning, memory management, and battery optimization.

Apps Published
- Learn Genie
- Learngenie-Fintech
- Fiscus
- Insure Genie

Languages
- English
- Hindi
- Odiya

Hobbies & Interests

- **Collecting Coins and Notes**: Enthusiast of numismatics, with a growing collection of rare and international currencies.
- **Watching Anime**: Passionate about exploring diverse anime genres, including action, fantasy, and slice of life.
- **Listening to Music:** Appreciate a wide variety of music genres, using it as a source of inspiration and relaxation.