

# ANIL KUMAR ELISHALA

iOS APPLICATION DEVELOPER | MOBILE APP ARCHITECT & DESIGN | INNOVATION & LEADERSHIP

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## Key Skills

- iOS Development
- iPhone Application Development
- User Interface Design
- Object Oriented Programming
- SDLC & Waterfall Methodologies
- iOS UX/UI Guidelines

## Technical Skills

- Xcode, Swift, Objective-C
- **AI & Productivity Tools:** GitHub Copilot, ChatGPT, on-device ML frameworks
- RxCocoa & RxSwift
- Core Java & Advanced java
- iOS SDK, CoreData, RealmDB, TDD/Unit Testing
- MVC, MVVM and VIPER
- GCD, JSON-Serialization, REST APIs
- Oracle (PL/SQL), SQLite
- SpringBoot, Microservices, CouchBase
- REST (XML, JSON), SOAP
- Alamofire, Combine
- Protocol / Functional / Object Oriented Programming
- UIKit, Quartz Core, Coredata, Map Kit, MessageUI, Libxml2, Core Location, Foundation, System Configuration, VFoundation, Facebook SDK, Twitter, Dropbox, Google Drive, One Drive, Microsoft Box, Realm, RX
- Third Party Libraries

## Educational Credentials

- B.Tech | JNTU

## Personal Snippet

- Date of Birth: 6<sup>th</sup> Nov 1987
- Linguistic Skills: English, Hindi, Kannada & Telugu
- Address: 667, 2<sup>nd</sup> Main Road, Coffee Board Layout, Hebbal Kempapura, Bengaluru

## Profile Summary

*Techno-dexterous individual well-versed in iOS programming/application development; aiming to be a part of an organization with a competitive environment and the scope to constantly learn and develop technical and management skills for its best use to augment organizational growth*

## Key Deliverables

- Close to 15 years of experience in iOS development, specializing in designing and delivering AI-driven mobile solutions for Banking and Financial Markets. Adept at building scalable, intuitive applications using Swift, SwiftUI, and modern AI-assisted development tools.
- Proven track record of designing, implementing, and integrating enterprise mobile application products and SDK's on iOS platform, backed by profound knowledge on key iOS frameworks in developing enterprise applications across the domains
- Decent knowledge in core concepts like Object Oriented Programming (OOP), Memory Management, Persistent Data, Dependency Injection, MVC, VIPER and MVVM Architecture
- Competencies include iOS development with proficient in programming skills in Swift & Objective C, Xcode Cocoa Touch, iOS SDK, Core Data, Core Animation, etc.
- Abilities span across all important aspects of mobile application design like coding, high performance, debugging, scalability, error logging, testing, configuration, etc.
- Adept at developing apps based on customer specifications, recommending application changes to make more efficient programs, and upgrading existing apps to make them more useful, with specialization in corporate and industrial applications
- Exhibited prowess in blending the art of design with skills of programming to deliver an immersive and engaging user experience through efficient app development, proactive feature optimization, and relentless debugging
- Skilled Scrum Master with a keen ability to understand and build complex systems, and a qualified expert in leading teams for tailoring/adopting Agile principles and frameworks
- Proficient in employing Agile, SAFe, and Waterfall methodology of software engineering to lead teams and deliver high quality product
- Passionate to learn and work on latest technologies, with leadership, training, and feedback to ensure that teams perform to the best of their abilities and deliver consistently

## Functional Competencies

- Expertise in designing and building enterprise level mobile applications and frameworks for iOS using platforms, APIs, third party libraries, and consuming RESTful web services by parsing JSON and XML across a wide range of technical domain
- Profound expertise in building large scale apps using MVC, VIPER, MVVM, and distributed monolithic architecture
- Experience in Reactive Programming with the usage of RxSwift, RxCocoa, Combine, etc.
- In-depth understanding of building applications that can be used offline
- Knowledge of in-built and third-party persistence frameworks, such as SQLite, Core Data, User Defaults, and Realm
- Exposure in developing web applications and RESTful web services using Java, Spring Boot, and Camunda Workflow
- Effective in performing extensive research to acquire comprehensive knowledge on new and emerging technologies and tools, while sharing those findings with teams to achieve business objectives
- Consummate collaborator able to interact easily with clients, senior management, and team members

## Work Experience

**IBM India Pvt Ltd, Bengaluru | Technical Architect**

 Mar 2016 - Present

**Mara Innovation Labs, Bengaluru | Senior Software Engineer**

 Apr 2015 - Feb 2016

**Aahlaad Software, Bengaluru | Senior Software Engineer**

 Jul 2014 - Feb 2015

**Spinlogics Software Solutions, Hyderabad | iOS Apps Developer**

 Apr 2013 - Jun 2014

**Swayam Infologic, Hyderabad | iOS Apps Developer**

 Jan 2012 - Sep 2012

**Virtu Tech Solutions, Hyderabad | Software Developer**

 Jul 2010 - Jan 2012

## **Key Result Areas:**

- Partook in the development of mobile product deployed on diverse platforms with focus on iOS
- Applied an understanding of project requirements and developed the program code to meet the system requirements, design, and technical specification as per quality parameters
- Served as a Technical Expert Representative between teams and clients
- Functioned towards improving technology at the maturity level of an organization
- Proposed alternative technical solutions to meet client requirements with more efficiency, greater reusability, scalability, and reliability
- Coordinated with the project team to define application architecture, database, and system design
- Ensured constant discovery, evaluation, and implementation of new technologies to maximize development efficiency
- Explored new technologies and designed PoCs, while performing a technical-feasibility check as per requirements
- Identified spikes in user stories and suggested risk mitigation steps
- Interacted and collaborated with clients for various technical discussions
- Educated and empowered team members by conducting training over best coding practices and new technologies
- Imparted technical support and consultation to a team member or a client as per requirements

## **Significant Projects**

**Project:** American Express | **Environment:** Swift,Xcode & Agile Methodology | **Description:** The American Express Mobile App for iPhone makes it easy to manage Card Account on the go. Whether user want to make a payment or view a recent transaction. Stay in control of account holder's money and finances with the American Express App for iPhone and iPod touch.

### **Highlights:**

- Worked on credential Recovery feature
- Responsible for change password functionality.
- Worked on modifications in initialization file.
- Created a new XCode project within the main Application to support credential Recovery feature.
- Reviewed pull requests of other team members & contributed to Amex Developers Community

**Project:** Mercedes Benz Me Stories | **Environment:** iOS,Swift, SwiftUI Design Patterns, XCode | **Description:** Me Stories PACE is an app for ambitious Mercedes-AMG drivers who want to record, analyze and evaluate numerous vehicle data and times on the race track and share their experiences with their friends.

### **Highlights:**

- Built the client development in iOS and guided the team to address design and development issues
- Implemented End to end flow of car connection Module.
- Able to capture and read Car's head unit events.
- Invoked race recording module from the new car connection flow.
- I was responsible for connect/disconnect & Authorise/Deauthorise flow.
- Participated actively in code reviews, design documents, and debugging activities
- Analyzed and debugged the issues on client side
- Fixed memory leaks and UI design issues by aligning to basic design patterns

**Project:** Development Bank Of Singapore | **Environment:** Swift,Xcode & Agile Methodology | **Description:** Worked on Adding new feature to Digi bank Indonesia Application. Digi Indo is an iOS Mobile app for customers of Digibank in Indonesia. This is a one stop solution of all the banking needs. With Digi bank by DBS Application, we can apply Credit Card and personalize it according to our needs. In addition, we can also easily track the instalments that we have made, such as instalment of transactions with Spend by Instalment feature, instalment of Credit Card Limit loan with Loan on Card feature, instalment of billed transactions with Statement Instalment feature and we can request to increase your Card Limit temporarily with Temporary Limit Increase feature

### **Highlights:**

- Worked as SPOC for Production Incidents.
- Introduced credit cards Module in the Project.
- Identifying potential problems and resolving application bottlenecks.
- Unit- testing code for robustness, including edge cases, usability and general reliability.
- Ensure the performance, quality, and responsiveness of applications by analyzing performance and memory tuning with tools like XCode Instruments

## **Honors & Awards**

- Deep Skiller Award – Functional Knowledge | Issued by IBM | Nov 2019