

# SHIBILI AREEKARA

Senior Mobile Engineer (React Native & iOS)

8+ years of experience in architecting high-performance mobile applications with a focus on Modular Design, Clean Architecture, and TDD.

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areekaras

## PROFESSIONAL EXPERIENCE

### Senior Application Consultant

Optimum Solutions Pte Ltd (Client: UOB, Singapore)

2023-Present

Singapore

- Engineered a modular iOS app for a large user base across 4 markets, applying architectural principles directly transferable to large-scale React Native projects.
- Collaborated in an Agile team to launch features, improving user experience and cutting development time by 20%.
- Applied VIP architecture, achieving 40% code reuse - a strategy I leverage for creating maintainable components in any framework.

### Senior Software Engineer

Recro (Client: Ekincare, Hyderabad)

2022

Bengaluru, India

- Led iOS development for an app with 2M+ users, mentoring 3 engineers and driving architectural decisions.
- Cut build times by 50% through modular design, boosting development efficiency.

### Senior Software Engineer

Smart Controls India Ltd. (Zeppelin Group, Germany)

2019-2021

Bengaluru, India

- Architected and built the Klickcheck web application from concept to launch in 2 months using React and Redux.
- Collaborated in a cross-functional team to develop the company's mobile suite, contributing to both the native iOS and React applications.

### Software Engineer

Fingent

2016-2019

Cochin, India

- Self-taught and delivered multiple iOS applications from concept to launch, managing the full development lifecycle.

## EDUCATION

iOS Lead Essentials (Dec 2021-Dec 2023)

Essential Developer Academy by Caio & Mike

Training program to become complete senior iOS developer

B.Tech Computer Science & Engineering (2012-2016)

University of Calicut

## TECHNICAL SKILLS

**Core Skills:** React Native, TypeScript, JavaScript, Zustand, Expo, Swift

**Architecture:** Modular Design, Clean Architecture, TDD, VIP, MVVM

**Methodologies:** Agile/Scrum, CI/CD (Jenkins, Fastlane), Git

**Platforms & APIs:** iOS, Android, REST APIs, WebSockets, Google Maps

## PROJECTS

### Signal - Real-Time Crypto Dashboard

React Native, TypeScript, Expo, Zustand, React Navigation, WebSockets

- Developed a production-ready crypto tracking app in a public, sub-11-hour development challenge to demonstrate rapid, high-quality execution.
- Architected the global state using Zustand to solve complex UI bugs like stale state and infinite render loops, ensuring data consistency.
- Engineered a resilient data layer using WebSockets for live data and implemented a client-side caching strategy to mitigate API rate-limit errors.
- Leveraged the Gemini CLI for AI-assisted development, accelerating boilerplate generation to focus on core architectural problem-solving.
- GitHub : [github.com/areekaras/signal-crypto-dashboard](https://github.com/areekaras/signal-crypto-dashboard)
- Public Chronicle : [shibiliareekara.com](https://shibiliareekara.com)

### UOB TMRW SG/TH/ID/MY • iPhone

Swift, VIP, Modular Architecture

- Developed core features for the UOB TMRW app, enhancing security and user experience for millions across 4 countries.

### EssentialFeed • iPhone (Modular design)

Swift, TDD, MVC, MVP, MVVM

- Mastered advanced modular design and TDD principles through the intensive Essential Developer program.

### Diverse GitHub Portfolio ([github.com/areekaras](https://github.com/areekaras))

20+ projects demonstrating TDD, BDD, DDD, Design Patterns, various iOS Architectures (VIPER, MVVM-C), and Data Structure and Algorithms.