

## PROFESSIONAL SUMMARY

An accomplished software engineer with specialising in Object Oriented Analysis & Design with experience in life cycle of software design process including requirements analysis, prototyping, proof of concept & design interface implementation. Having strong knowledge iOS SDK , react native and various emerging mobile and web technology.

## EMPLOYMENT HISTORY

### Technical Architect, Cognizant

09/2022 - Present

- Define the architecture of mobile applications
- Collaborated with cross-functional teams to define and deliver new features
- Provide accurate estimation and project planning
- Lead and mentor the development team
- Develop High-Level Design (HLD) and Low-Level Design (LLD) documents

### Assistant Consultant, Tata Consultancy Services (TCS)

05/2019 - 09/2022

- Designed and developed iOS applications from scratch
- Collaborated with cross-functional teams to define and deliver new features
- Integrated firebase for analytics and crashlytics purposes.
- Prepared High-Level Design (HLD) and design documents
- Uploaded apps to the App Store and TestFlight
- Engaged with clients and delivered reliable time estimates

### Tech Lead, Atlogys Technical consulting

04/2015 - 04/2019

- Designed and developed robust app architectures
- Integrated web APIs and conducted feasibility checks
- Created Software Requirements Specification (SRS) and HLD documents
- Mentored and guided junior team members

### Senior Software Engineer, Algoworks

01/2014 - 04/2015

- Oversaw end-to-end development of iOS applications
- Integrated web APIs and third-party libraries.
- Have created app from scratch with chat feature and video calling feature.
- Have Integrated various libraries (Location and cluster map ) and refctored the libraries as per custom needs.
- Document and flow diagram creation for specific flow.
- Mentored the juniors for the upskills.
- Production bug support and bug fixes.

### Software Engineer, iGATE (now merged into capgemini)

07/2011 - 01/2014

- Designed and constructed advanced iOS applications
- Troubleshooted issues and enhanced application performance
- Big fixes and enhancements

- Creating POC and checking feasibility for any features.

## TOP/RECENT PROJECTS

### Airways app

08/2024 - Present

- Spearheaded development of critical **Login/Signup, Profile, and Profile Settings** modules, ensuring a seamless and secure user experience.
- Resolved major **friction points in the login flow**, improving reliability and reducing drop-offs.
- Integrated **Adobe Analytics and Firebase Analytics**, enabling data-driven decision-making and user behavior insights.
- Led the **revamp of key modules from UIKit to SwiftUI**, modernizing the app's UI/UX for better performance and maintainability.
- Migrated multiple modules to **Swift 6**, leveraging **Combine** and **async/await** for improved responsiveness and cleaner asynchronous code.
- Implemented **codebase modularization**, enhancing scalability, maintainability, and collaboration across teams.

### Digital banking app

10/2022 - 08/2022

- Developed and maintained the **Compliance sub-module** based on **server-driven UI**, ensuring flexibility across regions and user types.
- Implemented **customer identity verification workflows** (KYC, SSN, etc.) prior to onboarding into the main application.
- Built and optimized flows supporting **native, web, and hybrid experiences**, tailored by **country-specific compliance requirements**.
- Worked on dependency management and CI/CD pipelines using **CocoaPods** and **Fastlane**, streamlining build and release processes.

### Connected clinical Trials, Noida

06/2019 - 07/2022

- Contributed to a **next-generation patient-centric clinical trials platform** providing a unified interface for patients, sites, and stakeholders.
- Implemented **electronic and multimedia consenting features**, enhancing accessibility and compliance for patients.
- Built modules to **virtually connect trial stakeholders** and streamline collaboration across diverse geographies.
- Developed **personalized and real-time alert mechanisms** for patients and physicians to support effective **medication management**.
- Integrated **automated data collection** from multiple devices, improving accuracy and reducing manual intervention.
- Worked on **activity tracking modules** to ensure **data quality, compliance, and patient safety** throughout the trial lifecycle.

### Experchat, New Delhi

04/2015 - 04/2019

- Worked on a **cross-platform mobile & web B2C application** connecting users with domain experts (initially in fashion & beauty).
- Developed features for **rich audio, video, and text chat experiences**, enabling seamless real-time communication.
- Implemented **session booking and scheduling flows**, allowing users to connect with experts from their homes.
- Built support for **live audio/video calls with session extension capabilities**, enhancing engagement and flexibility.
- Optimized application performance to ensure a **smooth and reliable user experience across devices**.

### Elume, New Delhi

04/2015 - 04/2019

- Developed a **hand-crafted illuminated manuscript-style application**, pushing the boundaries of **touchscreen storytelling** while preserving the integrity of reading.
- Implemented **dynamic themes, customizable reading styles, and configuration options** to enhance personalization.
- Integrated **audiobook functionality**, providing users with a seamless reading and listening experience.
- Designed and optimized the app to **redefine eBook consumption** with an immersive and interactive approach.

- **Featured on iTunes as a Top eBook Reading App**, recognized for innovation and user engagement.

## Avid/Mancrunch

01/2014 - 03/2015

- Built a **real-time anonymous chat platform** with a clean and engaging user experience.
- Developed features including **video/audio chat, sending winks, adding friends, and marking favorites** to drive user engagement.
- Implemented a **map-based discovery screen** to showcase nearby users, enhancing social interactions.
- Optimized **real-time chat activity** for seamless communication and reliable performance.

## GE - Field Procedure Application, Mumbai

07/2011 - 01/2014

- Developed an application supporting **three distinct user roles: Admin, Field Engineer, and Depot User**, each with tailored functionality.
- Implemented **role-based workflows** where admins create users, field engineers assign tasks, and depot users perform and sign off on tasks.
- Enabled **PDF-based procedure imports via iTunes**, ensuring standardized task execution across devices.
- Built secure task-tracking and **sign-off mechanisms**, ensuring accountability and compliance.
- Enhanced collaboration between field engineers and depot users through **structured task flows and digital approvals**.

## iCAT2(Enterprise app), Mumbai

07/2011 - 01/2014

- Developed an iOS application for **digitizing time entry processes** of GE Energy field engineers.
- Implemented functionality to record **billable and non-billable work hours** based on specific work characteristics.
- Designed the solution for **iPhone and iPod devices**, enabling mobile accessibility and streamlined reporting.
- Improved efficiency by **replacing manual processes with a digital workflow**, ensuring accuracy and reducing delays.