# CHANDRESH PATEL

**Seasoned Expert in Software Development and iOS Engineering with 9+ Years of Distinguished Experience in the IT Industry**
**Domain Expertise**: E-Commerce, IoT, Insurance, Resident, Healthcare, etc.

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**~ A highly accomplished Senior iOS Developer Lead with extensive expertise in developing and leading sophisticated iOS applications using Swift and Objective-C**

## Core Competencies

- Software Development
- Full-Stack Development
- Debugging & Troubleshooting
- Automation
- Unit Testing
- Swift/Objective-C
- iOS Engineering
- Core Data/Animation
- Push Notifications
- App Store Deployment
- Mobile UI/UX Design
- Memory Management
- Instruments (Performance Tuning)
- Core Location (GPS)
- Performance Management
- People Management

## Soft Skills

Transformative Leadership Abilities

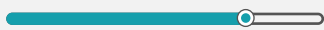Strategic Vision & Implementation Prowess

Proficient Execution Skills

Talent in Ambiguous Situations

Sustained Consistency in Performance

## Profile Summary

- Proven track record in architecting and developing cutting-edge applications for the iOS platform. Renowned for optimizing application performance to achieve exceptional quality and responsiveness.
- With a strong foundation in mobile application architecture and a deep understanding of iOS frameworks, excel in creating innovative and scalable solutions.
- Deft in detecting all phases of the project lifecycle, from planning & execution to delivery; ability to balance team dynamics with project demands ensures that projects are completed on time, within budget, and to the highest standards of quality.
- Proficiency extends to the integration of AI tools, enabling the development of intelligent, user-centric applications that push the boundaries of technology.
- Known for strategic vision and leadership, guiding cross-functional teams to deliver high-quality, high-performance applications that meet and exceed business objectives.'
- Upholding the highest standards of code quality, organization, and automation, with extensive expertise in essential iOS frameworks, including Core Data and Core Animation.
- A dynamic leader with extensive experience in managing cross-functional teams and steering complex projects to successful completion; fostering a culture of innovation, ensuring that every team member is engaged and aligned with project goals.

## Leadership Benchmark

- **App. Downloads**: Successfully led the development of an iOS application that achieved over 10 million downloads within the first year of launch.
- **Performance Optimization**: Improved app performance by 90%, resulting in a 90% reduction in crash rates and a 95% increase in user retention.
- **Feature Implementation**: Spearheaded the integration of AI-based features that enhanced user experience, driving a 60% increase in user engagement and a 60% boost in in-app purchases**.**
- **Team Leadership**: Managed a team of 8+ developers, delivering 10+ successful app updates and ensuring 80% on-time delivery of project milestones.
- **Development Time**: Reduced app development time by 20% by optimizing workflows and adopting Agile methodologies, resulting in faster time-to-market for new features.
- **Customer Satisfaction**: Achieved an average App Store rating of 3 to 4 stars through consistent delivery of high-quality features and swift resolution of user-reported issues.

## Career Timeline

**2015 to 2017 | Abbacus Technologies | iOS Developer** → **2017 to 2019 | MSP IT Concepts Pvt. Ltd. | Senior iOS Developer** → **Since 2019 | E2logy Software Solutions Pvt. Ltd. | Development Lead & Senior iOS Developer**

## Work Experience

**Since Dec 2019 | E2logy Software Solutions Pvt. Ltd.**
**Development Lead & Senior iOS Developer**

**Key Result Areas:**
**Team Size**: 8 members

## Education

- Master of Computer Application | 2015
- Bachelor of Computer Application | 2012

## Skills

- **Technologies**: Objective C, Swift, Swift UI.
- **Design Patterns**: MVC, MVVM, Delegation, Singleton.
- **Application Support**: iPhone, iPad, Universal, MAC Application Support.
- **Database**: SQLite, Core Data, Firebase Real-Time Database, System Preference.
- **Version Control**: GIT, SVN.
- **Project Management Tools**: JIRA, ASANA, Zoho Projects, Basecamp.
- **3rd Party Components**: Google Map, Facebook SDK, Bluetooth & WiFi Thermal printer SDK, Various Analytics SDKs, Chat SDK, Lottie Animation SDK, MappedIn SDK, Ads SDK, etc.
- **CI/CD:** Jenkins, GitLab.
- **Learner:** Swift UI, Flutter

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- **iOS Application Development:** Designing, developing, and maintaining high-quality iOS applications using Swift and Objective-C. Implementing features, fix bugs, and optimize performance for new and existing applications.
- **Project Management:** Overseeing the development lifecycle, including planning, execution, and delivery of projects. Collaborating with project managers, designers, and other stakeholders to ensure project goals and timelines are met.
- **iOS Application Design & Optimization:** Designing and optimizing iOS applications using MVC and MVVM design patterns for robust and scalable architecture.
- **User Interface Development:** Developing intuitive user interfaces with Storyboards and XIB files to enhance user interaction.
- **API Integration:** Integrating Alamofire for efficient JSON data retrieval and seamless API interactions.
- **Theme Support Implementation:** Implementing support for both Dark Mode and Light Mode themes, improving overall user experience.
- **SDK Integration:** Integrating multiple SDKs including Mapbox for mapping services, Zendesk for customer support, Mobikwik for payments & AgreePay for secure transactions.
- **Push Notification Management:** Creating and managing advanced push notifications to effectively engage and retain users.
- **Code Reviews & Quality Assurance:** Conducting regular code reviews to ensure the quality, scalability, and maintainability of the codebase. Implementing and enforcing best practices for version control, testing, and continuous integration.
- **User Experience & Accessibility:** Ensuring applications are intuitive, user-friendly, and accessible to users with disabilities. Incorporating feedback from users and stakeholders to enhance the overall user experience.
- **Team Leadership & Mentorship**: Leading and mentoring a team of developers, ensuring high standards of code quality and development practices. Providing guidance on best practices, coding standards, and technical solutions.

**Nov 2017 to Nov 2019 | MSP IT Concepts Pvt. Ltd. | Senior iOS Developer**

**Key Result Areas:**
- Deployed Firebase for real-time data management, crash reporting, user analytics, and push notifications.
- Engineered a socket-based chat system to facilitate real-time communication. Applied SSL Pinning for enhanced security, and integrated VGSCollect SDK for secure data collection.
- Utilized RxSwift framework for reactive programming and implemented Realm Database for efficient data storage.
- Integrated XMPP SDK for instant messaging, Google Maps for geolocation services, Core Location for accurate positioning, and PubNub for live tracking and location sharing.

**Jul 2015 to Oct 2017 | Abbacus Technologies | iOS Developer**

**Key Result Areas:**
- Developed and deployed various customizable themes to enhance user interface options.
- Integrated AVPlay for advanced media playback capabilities, leveraging AVFoundation and AVCaptureSession for comprehensive multimedia functionality.
- Utilized Branch IO SDK for sophisticated deep linking and user tracking. Managed data storage and retrieval using SQLite database for reliable and efficient data handling.

**~ Please refer annexure for key projects handled ~**

# KEY PROJECTS

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| **Title:** | **iPlus Upgrade (E2logy, Objective C)** |
| Link: | https://apps.apple.com/us/app/iplusliving/id1168612999 |
| Description: | iPlusLiving is a comprehensive mobile platform designed for seamless residential and property management. This all-in-one community management solution simplifies daily living for condo residents and streamlines operations for property managers. |

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| **Title:** | **Orion Haus (E2logy, Swift)** |
| Link: | https://apps.apple.com/us/app/ohai/id1627695152 |
| Description: | OHAI offers unparalleled flexibility in living arrangements. Whether you're looking for a short-term stay or a long-term apartment with the convenience of home-sharing, OHAI makes it effortless and accommodating. |

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| **Title:** | **Snack Upgrade (E2logy, Swift)** |
| Link: | https://apps.apple.com/sg/app/snack-by-income/id1504035230 |
| Description: | This insurance application provides personalized protection by aligning coverage with your lifestyle activities. It offers the flexibility to adjust premiums to your preferences, ensuring that your coverage adapts and evolves as you embrace life's adventures. |

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| **Title:** | **Learn to Sing (MSP, Swift)** |
| Link: | https://apps.apple.com/us/app/riyaz-learn-to-sing/id1341595277 |
| Description: | Riyaz has empowered over 3 million enthusiastic singers to achieve their musical dreams. Dedicate just 10-15 minutes a day to yourself and become a proud aficionado and lifelong learner of music! Experience precise, instant feedback to help you refine your skills and overcome mistakes with confidence. With Riyaz, singing is accessible to everyone—embrace the opportunity to learn and grow in your musical journey! |

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| **Title:** | **Paidkiya App \| Best for Money Transfer (MSP, Swift)** |
| Link: | https://apps.apple.com/in/app/paidkiya-app-best-for-money/id1460254366 |
| Description: | PaidKiya is India's pioneering FinTech startup, designed specifically for credit card holders. It provides an array of innovative tools to maximize the benefits of credit card usage, making it a unique asset for savvy financial management. |

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| **Title:** | **Cabbi Drivers and Rider App. (Abbacus Technologies, Objective c)** |
| Description: | It seems you're inquiring about a "Cabbi Drivers and Rider app," which resembles platforms like Uber or Lyft. This application would facilitate connections between drivers and riders, allowing them to interact and coordinate transportation through a mobile interface. |

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| **Title:** | **Smart Restaurants (Abbacus Technologies, Objective c)** |
| Description: | This app empowers restaurant owners and managers to oversee their operations remotely. It enables them to manage sales, labor, marketing, and other critical aspects of their store while they are away. |