Gurpreet Kaur

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PROFESSIONAL SUMMARY

- Senior Software Developer with **7+ Years of experience** with **over 15** applications published on App Store with more than 80% of them having **4+ user ratings**
- Highly skilled in Swift, Swift UI, Objective-C and React Native languages
- Led the development and successful deployment of professional iOS applications, actively involved in software architecture, design, and full implementation lifecycle from inception to launch
- Possess the ability to effectively handle code version control and merging duties, facilitate the distribution of applications among testing teams, and ensure smooth deployments to the App Store and Google Play Store
- Effective **communicator** and collaborative team player with leadership experience
- Proven track record of delivering high-quality iOS solutions, including optimizing app performance and reducing crash rates by **40%**
- Integrated iOS applications with cloud-based backend services hosted on Azure and Firebase implementing APIs for data retrieval, authentication, and push notifications
- Earned recognitions, shout-outs and **Star Award** appreciations in FIS Global newsletter for contributing to the timely delivery of critical modules and cross-functional support for Ford Bank and FCB projects

TECHNICAL SKILLS

Languages: Swift, SwiftUI, Objective-C, HTML5, CSS, JavaScript, React Native

Frameworks/Libraries: UIKit, SwiftUI, Core Data, Core Animation, Combine, Accessibility, AVFoundation, URLSession, Alamofire, RESTful Api's, Foundation, Grand Central Dispatch (GCD),Dependency management

IDE: XCode, Android Studio, Visual Studio Code, IBM Cognos Analytics

Tools: Google Workspace, RDBMS, SQLite, GitHub, Bitbucket, JIRA, SVN, ServiceNow, Git

Architectures: MVVM, MVI architecture, MVC, SOLID, Design Patterns

UI/UX: Storyboard, Interface Builder, Auto Layout

Testing: XCTest, Unit Testing, Postman

Quality Management: Veracode, Black Duck, Crashlytics, Profiler

Dependency Management Tools: Cocoapods, Swift Package Manager, Carthage

CI/CD: Jenkins, Bit Rise, Fastlane, App Store, Play Store, TestFlight

Database and Documentation: Core Data, SQLite, Firebase Realtime Database, Confluence (Wiki)

Development Guidelines and Practices: SCRUM, Agile, Trello, SDLC

VOLUNTEER

Earth Hero: Climate Change   Oct *2024 – Present*
iOS Developer

- The Earth Hero app empowers users to track and reduce their carbon footprint by providing personalized sustainability goals, challenges, and tips, fostering a more eco-conscious lifestyle.
- Working as an iOS Developer using Swift and SwiftUI to create new features and fix bugs in the iOS app.

- Technologies used include Swift, SwiftUI, UIKit, Firebase, third-party APIs, CoreData, Firebase Analytics, Git
- App Link: https://apps.apple.com/us/app/earth-hero-climate-change/id1458057746

WORK EXPERIENCE

Fidelity Information Services (FIS) | Mohali, India
iOS Developer   *Jan 2020 – Sept 2023*

- Development of banking applications using Swift, Objective C and React Native language
- Effectively contributed to the full development lifecycle, from ideation and design to testing and development, coded software changes and alterations based on specific design specifications leading to timely product delivery
- Capable of defining, analyzing, and documenting Enterprise Mobility Architecture to align with organizational goals, while improving scalability, security, and performance of mobile solutions
- Created dynamic, responsive screens programmatically for FordMoney Bank's Personal Details module using Swift, UIKit, and Auto Layout, ensuring a user-friendly experience
- Collaborated with cross-functional teams including developers, business analysts (BAs), UI/UX designers, Scrum Masters, and QA specialists to ensure seamless integration and successful project outcomes
- Successfully mentored and instructed a team of five junior developers, equipping them with essential skills and knowledge
- Ensured the quality and performance of the apps by writing clean, modular, and well-documented code, following the SOLID principles and design patterns such as MVC, MVVM,MVI and SwiftUI
- Managed the Code Signing, App Store submission process and facilitated app distribution to various testing teams through TestFlight submissions
- Performed risk assessments to identify potential issues, and designed and implemented effective mitigation strategies to address them, ensuring project stability and reliability
- Utilized CI/CD pipelines and tools such as Jenkins and Bitrise to automate build, test, and deployment processes for iOS apps integrated with cloud services
- Participated in peer code reviews and git code merging and provided feedback and comments on code to ensure quality and consistency before merging
- Knowledge of Cross Platform Development and Cross Platform frameworks (React Native)
- Increased app downloads by 30% and ratings by 20% through user feedback implementation

IDS Infotech Limited (IDS) | Chandigarh, India
Software Engineer   *Dec 2018 – Jan 2020*

- Developed and integrated Product Listing and Cart modules into an e-commerce application to enhance user experience and facilitate seamless navigation and purchasing
- Implemented Agile methodologies with JIRA, resulting in a 95% improvement in project efficiency and delivery timeline
- Participated in agile development processes, including sprint planning, daily stand-ups, and retrospective meetings
- Demonstrated expertise in Swift, Objective-C, and UIKit to create custom views and dynamic screen layouts through autolayout
- Developed and maintained native iOS applications, focusing on performance, user experience, and code quality
- Implemented enterprise integrations, ensuring data synchronization and real-time updates.

- Utilized XCTest, Xcode instruments, and Git for effective code testing, debugging, and version control
- Efficiently trained interns, resulting in a 15% cost reduction by preparing them for assignments ahead of schedule
- Directed development team, cross-team collaborations, ensured adherence to timelines, and collaborated with stakeholders to deliver user-friendly app experience

Outline Systems India Pvt. Ltd | Chandigarh, India
iOS Developer   *July 2015 – Nov 2018*
- Developed iOS applications for diverse industries including E-commerce, Social Networking, Fitness, Audio Streaming, and Hospitality
- Successfully led a team of 6 members to deliver 7 number of iOS projects on time and within budget, exceeding client expectations
- implemented cloud-based monitoring and analytics tools Crashlytics, Google analytics and Firebase Analytics to track app performance, user behavior, and operational metrics, driving iterative improvements
- Conducted comprehensive code reviews, identifying and rectifying critical issues, leading to a 92% decrease

EDUCATION

Computer Software & Engineering | Bachelor of Technology (B.Tech.)   *2009 - 2012*
Swami Vivekanand Institute of Engineering & Technology, Banur, Punjab, India

Computer Engineering | Diploma   *2006 - 2009*
Govt. Polytechnic Girls College, Patiala, Punjab, India

CERTIFICATIONS

Microsoft Azure AI Fundamentals Professional Certificate (AI-900)
Udemy: iOS and Swift - The complete iOS App development
Udemy: Business Analyst "A to Z" masterclass
LinkedIn: JavaScript Essential Training, Learning TypeScript, GIT Training

PROJECTS

Ford Money   **2023**
- The Ford Money Banking app, offers convenient authentication via fingerprint or Face ID, allowing secure access to account information and transactions. Users can swiftly open additional day and/or fixed-term deposit accounts and access a secure mailbox, order transfers, and benefit from regular updates with bug fixes, new modules, and multi-language support
- Technologies used include Objective-C, Swift, Core Bluetooth, Agile Sprints, Restful API Implementation, and various development and testing tools like GIT, Jenkins, Bitrise, TestFlight, and App Store.
- App Link: **https://apps.apple.com/de/app/ford-money-germany/id1529352336**

FCB Bank   **2023**
- FCB app provides standard features including funds transfer, account statements, balance reviews, Cards   management, and payments. Architecture uses SSL, face ID, fingerprint, and multi-factor authentication

- Technologies used include React Native, Redux, XCode, Visual Studio, Agile Sprints, iPhone Simulator, Test Cases, GIT, Restful API Implementation, Version compatibility, TestFlight, App Store, JIRA
- App Link: **https://apps.apple.com/in/app/first-citizens/id1495642922**

BSoChill   **2018**
- BSoChill app was developed for staying connected with friends and family. Users can post images, videos, and stories, share content, and earn points, redeemable for rewards or cash; premium plans offer extra features
- Technologies used include Swift, XCode, iPhone, iPad, Simulator, Twilio, multilingual support, Auto Layout
- App Link: **https://apps.apple.com/in/app/bsochill-fun-for-all/id1217992999**