SHIVANSH GAUR

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Skills

- Swift | SwiftUI | Obj-C | Payment Gateways | App Publishing | Cross Platform Frameworks | Auto Layout | WebSockets | Core Data
- StoreKit | CallKit | XCTest | Restful APIs | Accessibility | Dependency Management | SOLID Principles | Kafka | MVVM | Git | CI/CD
- Localization | Memory Management | System Design | Caching | Networking | English, Hindi – *All professional proficiency or above*

Experience

Software Engineer   **BlackNGreen Advanced Mobile Solutions**   *Gurugram, HR, IN*   **11/2023 - Current**

- As the **sole** spearheaded iOS App Developer in a product-based company, I oversee multiple applications, from inception to deployment.
- Responsible for **Gathering requirement**, **Develop**, **Maintain**, and **App Store Release**, ensuring high-quality, user-centric mobile solutions.
- Developed **Calling**, **IVR** (Mobile carrier specific) app [MagicCall - Funny Calling App](#) and [Just4Laugh](#) a real-time voice-morphing app.
- Built **Cross Platform** Compatible **AI Assistant Framework,** successfully *reduced query resolution time* & improved **user engagement**.
- Optimized codebase by removing redundancies, implementing **robust error-handling** mechanisms for API errors, and strategizing **caching** to enhance app performance and **reduce server load**. Also reduced 22% app size and a ~36% improvement in app performance.
- Introduced **Kafka's tool** for real-time user behavior tracking, providing valuable insights for **product enhancement decisions**.
- Introduced Google sign-in for **guest users**, **cutting OTP message costs** and enabling worldwide app launches.
- Enhanced user engagement through UI improvements, **Push Notifications**, and Force Update functionalities to ensure users stay informed and engaged with the latest app features. **Localized** all apps in 14+ International Language.
- Integrated **Firebase Crashlytics** using **Cocoa Pods** to provide real-time crash reports.
- Facilitated seamless tracking of user **In-App purchases** through Apple-to-server callbacks, ensuring accurate and efficient transaction management which resulted in **less fraud** and **less fake refunds** and **increase in revenue** of the app.

Software Engineer   **Tech Mahindra Ltd.**   *Noida-SEZ, UP, IN*   **02/2021 - 11/2023**

- Feature development Engg. for a key client, [Bell Canada](#), one of Canada's premier telecommunication providers, at [Tech Mahindra Ltd](#).
- Collaborated on enhancement efforts for two flagship applications, [MyBell](#) and [Virgin Plus My Account](#), leveraging advanced technologies to drive user engagement and satisfaction.
- Collaborated within a **cross-functional Agile team**, adeptly managing user stories from inception to delivery, encompassing **UI development**; Restful **API integration**; **XCTest** authoring; **user acceptance testing**, and **seamless deployment**.
- Championed **accessibility** initiatives, ensuring inclusivity for 7.2% of users with differing abilities. Crafted reusable code in SwiftUI and UIKit, enabling comprehensive support for **VoiceOver**, Keyboard Navigation, Text Resizing, Switch Control, etc. across multiple apps.
- Revolutionized **user engagement** through the implementation of a dynamic Shop Tab, tailoring experiences with exclusive deals on Mobility, Internet, and TV services. By **refining the app's design** and navigation, facilitated seamless product exploration and ordering.
- Pioneered the integration of **GraphQL**, empowering remote development teams with a robust data-fetching solution. Streamlined collaboration and testing processes by enabling efficient data manipulation without VPN constraints.
- Implemented cutting-edge technologies including **Deep Linking**, App **Language Localization**, and advanced **Analytic tools** such as **Dynatrace** and **Omniture**. Facilitated root cause analysis, application performance monitoring, and proactive issue identification to ensure optimal user experiences and **Customer Journey Analysis**
- Managed dependencies efficiently through **Carthage**
- Continuous Integration/Deployment Pipeline Integration, pull requests, **code reviews**, **unit/integration/e2e testing**.

Software Engineer, Trainee   **Tech Mahindra Ltd.**   *NSEZ, UP, IN*   **11/2020 - 02/2021**

- Designed and implemented enterprise telecom iOS Mobile application [My PC mobile (Prepaid](#)) under mentorship of Tech Lead.

Education

Bachelor of Technology   **Amity University**   *Noida, UP, IN*   **2016 - 2020**

- Major in Computer Science and Engineering

Mentorship

- **ITPians:** Mentoring TechM New Joinee Freshers | Client Interview prep | Swift Programming | iOS App Development

Others

- [Bravo Award](#): Received **Twice** from IBU head, **First**, for exceptional performance in one time task and **Second**, for pioneering innovative solutions through extensive research on AI tools, aimed at streamlining feature development and testing processes. **(03/2022)**
- [SAFe 6 Practitioner](#): To bring agile excellence to development terms & contributing to high-quality customer centric software **(09/2023)**