Anup Deshpande

deshpande.anup24@gmail.com │ (980)-287-8652 │ anup-deshpande.github.io │ linkedin.com/in/deshpande-anup

Technical Skills

- Languages: Swift, Objective-C, Python, Java
- Frameworks & APIs: SwiftUI, UIKit, Combine, Swift Testing, XCTest
- Mobile specialties: Multithreading (GCD/Operations), Memory Management (ARC), App performance profiling (instruments), Snapshot Testing
- Architecture & Tooling: MVVM, Modular architecture, Server driven UI, Git, RESTful APIs, GraphQL
- Product Engineering: A/B testing, Feature Gating, Accessibility, internationalization

Work Experience

Software development Engineer II, Expedia Group, Seattle, WA   Feb 2024 - Present
- First iOS engineer on the Vrbo modern checkout team. I spearheaded the integration of Vrbo booking flow into the checkout Server-Driven UI (SDUI) platform.
- Managed the transition from legacy checkout to a modern modular architecture, achieving 100% feature parity for the iOS platform.
- Exit Dialog: Implemented a reusable exit intent component and led an A/B experiment that delivered a +1.43% conversion uplift and 9.7 BPS improvement.
- Payment Conflict Sheet: Engineered a cross brand iOS component to prevent conflicting payment selections, designing for high extensibility across all Expedia brands.
- Multi-Room Checkout: Led client side implementation and updated routing to migrate 100% of iOS multi room traffic to the modern checkout stack.
- Introduced Apple's new Swift Testing framework to the checkout team, standardizing modern testing patterns to accelerate delivery.
- Conducted architectural deep-dives for backend and web teams to align on iOS specific constraints, improving cross platform API design
- Mentorship: Onboarded and mentored two new iOS hires, guiding them through the codebase to achieve independent delivery.

Mobile Software Engineer iOS, First Orion, Seattle, WA   Mar 2021 - Oct 2023
- Partnered with backend teams to integrate a new API suite, migrating 100% of the user base to this new infrastructure within one month.
- Pioneered the implementation of Accessibility support (VoiceOver and dynamic type), establishing the foundation for inclusive design and making the app usable for all users.
- Orchestrated a major improvement in code reliability by expanding unit test coverage from 8% to 70%, resulting in faster development cycles and significantly reduced regression rates.

Software Developer, Appzly Inc, Charlotte, NC   July 2020 – March 2021
- Stream Station Link: Developed an iOS streaming application for curated playlists and live channels. Integrated Brightcove Player SDK and Cloud Firestore for real time data synchronization.
- EnvisionUS: Built a collaborative platform for athletes and coaches, implementing Moya for network layer abstraction to streamline api management and maintainable code architecture.

Education

University of North Carolina at Charlotte - Charlotte, NC   May 2020
Master of Science in Computer Science │ GPA: 4.0

Savitribai Phule Pune University - Pune, India   May 2017
Bachelor of Engineering in Computer Engineering