

Bibek Upreti

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Objective

Dynamic iOS Developer enhancing app reliability and user engagement through innovative solutions. Skilled in SwiftUI and Agile development, I successfully integrated third-party SDKs and optimized performance, showcasing strong problem-solving abilities. Committed to delivering high-quality applications with a focus on user experience and security.

Skills

- Proficient in Swift programming languages.
- Strong command of Apple's Development APIs and SDK, encompassing UIKit, SwiftUI, XCTest, Push Notification, Core Data, Core Location, and more.
- Extensive utilization of third-party libraries such as Alamofire, SDWebImage and many more.
- Profound understanding of architecture and design patterns, such as MVC, MVVM, Singleton, Factory, Observer, Delegate, and Dependency Injection.
- Experience in networking and integrating RESTful APIs for data communication.
- Knowledge of localization and internationalization for catering to diverse audiences.
- Proficient in memory management techniques to optimize app performance.
- Implementing APN and background tasks for enhanced user engagement.
- Skills in using Auto Layout and Interface Builder to create adaptive and responsive UIs.
- Proficient in version control systems like Git, including branching, merging, and pull requests.

- Effective communication skills and a proven track record as a collaborative team player.

Award and Honors

- **Extraordinary Talent Award - March [2025]**

Recognized by Veda App for exceptional performance and valuable contributions as an iOS Developer. Awarded in recognition of developing innovative mobile applications and demonstrating excellence in desktop app development.

Experience

iOS Developer, Veda App (Oct 2023 – Present)

As an iOS Developer for Veda App, I worked on a product designed to bridge the gap between parents/students and educational organizations such as schools, colleges, and universities. The app provides parents and students with important information right on their mobile devices while also helping schools and parents keep track of students' progress. Some of my responsibilities include:

- Collaborated with a team of developers, designers, and stakeholders to define, design, and ship new features for the Veda App
- Identified and fixed bottlenecks and bugs to optimize the user login process
- Maintained code quality, organization, and automation by writing highly readable and easily maintainable source code
- Developed a customized image annotation feature with customizable brush sizes, colors, and text entries using Core Graphics and programmatic layout to set up the tool's menu

Through my work on Veda App, I have gained valuable experience in creating a product with a user-centric focus, optimizing key processes, and implementing advanced features with a scalable architecture.

Projects

Intray Staff ([App Store Link](#))

- Designed and developed a robust Waiter App, revolutionizing order-taking and management processes.
- Seamless table list with instant real-time updates, optimizing table assignments.
- Implemented dynamic status control for ordered menu items, enhancing kitchen coordination.
- Incorporated MQTT for real-time data updates, ensuring synchronized order information.

Veda ([App Store Link](#))

- Developed a product to bridge the gap between parents/students and educational organizations (schools/colleges/universities) using Swift and UIKit.
- Designed and developed an intuitive user interface to help parents/students get important information right from their mobile phones while helping schools and parents keep track of students.
- Utilized push notifications and GCD for real-time updates, enhancing app performance.

Veda Guru ([App Store Link](#))

- Developed a companion application for Veda used by schools/colleges/universities for information management

- Revamped the login module using MVVM architecture and followed SOLID principles.
- Developed a customized image annotation feature with customizable brush sizes, colors, and text entries using Core Graphics and programmatic layout to set up the tool's menu

Founder App ([App Store Link](#))

- Implementing a user-friendly interface that enables founders to easily access and view relevant school information.
- Integrating various APIs to gather real-time data on school performance, such as assignment and homework rates
- Optimizing the app's performance for a smooth and seamless user experience

Karkhana App ([App Store Link](#))

- Designed and developed a complete iOS app using SwiftUI and Combine, handling the full development cycle independently.
- Implemented key features such as push notifications to keep users engaged with real-time updates.
- Managed App Store submission, including setting up app metadata, screenshots, and handling review feedback.
- Ensured smooth performance and responsive UI by applying reactive programming principles with Combine.
- Took care of versioning, testing, and post-release updates to maintain app quality and user satisfaction.

Education and Certificates

- Tribhuwan University: Bachelor of Computer Engineering
- Completed online courses in Swift and iOS Development through Udemy and Coursera
- AWS Academy Graduate - AWS Academy Data Analytics