

UTSAB ARYAL

iOS Application Developer

Experienced iOS Application Developer with a proven track record of delivering high-quality, user-centric mobile solutions. Adept at leveraging Swift, Objective-C, and SwiftUI to design, develop, and maintain native iOS applications. Skilled in implementing advanced features such as CoreData for efficient data management and optimization techniques to enhance app performance. Proficient in integrating third-party libraries and APIs, including Firebase and Rudderstack, to enhance functionality and gather valuable insights for data-driven decision-making. Strong background in UI/UX design collaboration, accessibility implementation, and continuous improvement through thorough code profiling and refactoring. Demonstrated success in reducing load times, improving memory management, and optimizing network latency. Recognized for technical leadership, teamwork, and a commitment to staying updated with the latest iOS technologies and trends.

PERSONAL DETAILS

Email Address: utsab.aryal1@gmail.com

Phone Number: (+971) 545007668

Current Address: AL Bustan, Ajman, UAE

Social Profile: [Linked-In](#)

Nationality: Nepali

PROFESSIONAL EXPERIENCE

Kindship □ NSW, Australia

iOS Application Developer

Dec 2021 - Feb 2024

- Design, develop, and maintain native iOS applications using Swift and Objective-C.
- Applied SwiftUI with animated elements for new features, enhancing the app visual appeal and contributing to increased user engagement.
- Develop user interfaces and create custom views using UIKit, Core Animation, and other frameworks.
- Implemented CoreData, enhancing data management efficiency, leading to a notable reduction in load times and improved overall app performance.
- Integrate third-party libraries and APIs into existing applications.
- Implemented advanced memory management techniques, resulting in a 25% reduction in application memory usage and significantly improving overall performance.
- Introduced image caching mechanisms, leading to a 30% decrease in image loading times and enhancing the app's responsiveness.
- Conducted thorough code profiling and refactoring, optimizing critical sections and reducing app launch time by 20%, resulting in a smoother user experience.
- Collaborated with the backend team to optimize API calls, reducing network latency by 15% and enhancing real-time data synchronization.
- Employed background task optimization strategies, improving battery efficiency by 20% and ensuring a seamless user experience even during resource-intensive operations.
- Collaborated with UX/UI designers to implement user-centric designs, improving overall app usability.
- Successfully implemented accessibility features, ensuring compliance with [relevant accessibility standards] and broadening the app's reach for enhanced user inclusivity.
- Collaborated with cross-functional teams, providing technical leadership and guidance.
- Integrated Firebase for real-time data synchronization and push notifications, enhancing app functionality.
- Integrated end-to-end encryption in Stream Chat for robust security measures, fostering user trust in the app's communication features.

- Employed Rudderstack for event and identifier tracking, providing valuable insights for data-driven decision-making and optimized user experience.
- Introduced the third-party Shake feature for efficient bug reporting, resulting in a significant reduction in bug resolution time and an overall improvement in app stability.
- Implemented continuous integration and deployment pipelines using Fastlane, reducing release time by 30%.
- Research and stay up-to-date with the latest iOS technologies and trends.
- Successfully addressed app defects through thorough bug report analysis, reducing the number of critical issues and enhancing overall app reliability.
- Worked on open AI for personalized assistance system development

BitpointX □ Kathmandu, Nepal

Flutter Application Developer

Jan 2019 - Nov 2021

- Implemented notification functionality using OneSignal for both push notifications and in-app notifications in Flutter applications.
- Collaborated with cross-functional teams, including marketing and sales, to understand business requirements for notification features that could increase user engagement, sales, and revenue.
- Utilized BLOC and GetX architecture patterns for efficient state management and navigation within the Flutter applications.
- Mentored and guided Flutter interns, sharing expertise on best practices, coding standards, and the use of BLOC and GetX architecture.
- Deployed Flutter mobile applications on both the App Store and Play Store, ensuring compliance with platform guidelines and standards.
- Applied Agile development frameworks to work collaboratively across multi-disciplinary teams, fostering a dynamic and iterative development process.
- Tracked post-deployment bug reports to identify and address trends in user-reported faults and complaints, contributing to ongoing improvement and refinement of the applications.
- Presented proposals to senior engineers and developers, outlining enhancements aimed at improving usability and overall user experience.
- Produced design mockups and prototypes based on conceptual ideas, strengthening designs and interactions within the applications.
- Employed coding practices adhering to commonly accepted standards to establish site layout and user interface consistency.
- Reviewed code for structural integrity, security, and compatibility with various browsers, devices, and operating systems.
- Demonstrated a commitment to continuous improvement by actively seeking and incorporating feedback from team members and end-users.
- Ensured the implementation of robust and scalable solutions, considering the long-term maintainability and extensibility of the codebase.

EDUCATION

Bachelor of Information Management - Information Technology

2021

Kist College, Kathmandu, Nepal

MSC Cyber Security

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British University College International Fze, Ajman, UAE

SKILLS

- iOS Development
| Swift Programming
- Performance Optimization
- Integration and APIs
- Debugging and Troubleshooting
- CoreData
- Open AI
- Flutter Framework
- Dart Programming
- State Management
- Dependency Management
- Flutter Testing
- Integration with Backend Services
- Collaboration
- Problem Solving
- Communication
- Leadership
- Adaptability
- Time Management

LICENSES & CERTIFICATIONS

Branch Fundamentals for Mobile Growth Certification 2022

Branch University - <https://university.branch.io/certificate/jjUiHAaYSQ>

The Bits and Bytes of Computer Networking 2020

Google - <https://www.coursera.org/account/accomplishments/certificate/YUT5V82LKQ85>

Advanced Search Engine Optimization Strategies 2020

UCDAVIS - <https://www.coursera.org/account/accomplishments/certificate/XEJZEPJ4KQFU>

Technical Support Fundamentals 2020

Google - <https://www.coursera.org/account/accomplishments/certificate/85JRFDT4MLKC>

LANGUAGES

- English - Intermediate
- Hindi - Fluent
- Nepali - Fluent