RANJAN KUMAR THAKUR

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OBJECTIVE

Mobile Engineer with 3+ years of experience, specializing in creating high-performance, user-focused mobile applications, including fintech solutions. Excels in clean code, seamless UI/UX, and solving complex technical challenges. Seeking full-time Mobile Engineer roles to contribute to innovative projects.

SKILLS

Technical Skills	Expertise in Flutter, Dart, Firebase (Auth, Firestore, Cloud Functions, Storage) State Management (BLoC, RiverPod, Provider), RESTful API, GraphQL integration Backend development with DartFrog, Serverpod, real-time sync with WebSockets Advanced UI/UX design, responsive layouts, animations, and custom themes CI/CD pipelines using GitHub Actions, Fastlane, and Firebase App Distribution
Leadership Skills	Team mentoring, clean architecture implementation, Agile methodologies (Scrum, Ka Effective communication and collaboration with stakeholders and cross-functional tea
Performance Optimization	App profiling with Flutter DevTools, memory management, and code optimization Automated testing (unit, integration, widget) and maintaining code quality
Additional Skills	Git version control, cloud integration (AWS, Firebase), third-party SDKs, and analyti Logging and monitoring with Crashlytics, Sentry, and SonarQube

EXPERIENCE

Senior/Lead Flutter Developer Sept 2023 – Present
Technofex Nepal

- Led the development of a scalable Flutter project using monorepo architecture with custom Flutter packages, ensuring maintainability and efficient management across multiple apps.
- Directed the technical strategy, including state management solutions (BLoC, Riverpod, Provider), and made architectural decisions focused on performance and scalability.
- Managed app versioning through Microsoft Azure and Firebase app distribution, streamlining internal testing and deployment to optimize the release process.
- Automated app distribution and deployment with Fastlane to Firebase, Google Play Store, and App Store, ensuring smooth, consistent releases.
- Integrated SonarQube to identify and address code vulnerabilities, maintaining secure and high-quality code.
- Conducted internal testing to ensure the app met functional and performance standards before external release, ensuring a bug-free experience.
- Mentored junior developers, providing guidance and conducting code reviews to promote best practices in clean, reusable, and testable code.
- Optimized app performance, reducing load times and improving responsiveness, memory management, and overall user experience.

Mid-Level Flutter Developer Aug 2022 – Aug 2023
Cloudyfox

- Worked within an Agile framework, streamlining sprints and improving project delivery timelines, contributing to faster, more efficient development cycles.
- Worked deeply with BLoC state management to create scalable, maintainable app architectures, ensuring long-term project stability and performance.

- Designed and deployed cross-platform applications on iOS and Android, achieving [specific performance metrics, e.g., 50% faster delivery times].
- Adhered to clean code principles, ensuring the readability, reusability, and maintainability of the codebase, fostering a high-quality development environment.
- Enhanced team productivity by integrating automated pipelines, reducing manual effort by 70% and ensuring faster, more reliable builds and deployments.
- Implemented real-time data communication using SignalR and WebSockets, enabling seamless app experiences and synchronization for collaborative features.
- Integrated REST APIs, GraphQL, and third-party libraries, delivering feature-rich and efficient applications that met client and user needs.

Junior/Intern Flutter Developer Dec 2021 – May 2022
TechNow

- Collaborated with designers to create responsive UI designs, ensuring compatibility across various device types for optimal user experience.
- Designed and implemented intuitive UI layouts and animations, enhancing user engagement and overall application aesthetics.
- Integrated third-party APIs to extend application functionality and improve scalability, ensuring feature-rich and efficient applications.
- Utilized state management solutions like BLoC and Provider to streamline app logic, maintain code clarity, and improve overall code quality.
- Assisted in unit testing and quality assurance, ensuring the delivery of robust and reliable applications.
- Conducted debugging sessions to identify and resolve issues, improving app performance, and reducing crashes.
- Published applications to the Google Play Store and Apple App Store, ensuring compliance with platform guidelines and submission requirements.

PROJECTS

KiiBank (Fintech App) *Technologies: Flutter, Firebase, Dart*
A mobile banking application designed to provide seamless banking services with user authentication, fund transfer, and transaction history. Google Play Link.

Khalti (E-Wallet Application) *Technologies: Flutter, Firebase, REST API, GraphQL*
A highly scalable e-wallet application designed to provide seamless digital payment solutions. Key features include secure user authentication, multi-payment options, and transaction history management. Google Play Link.

TrueMe (Meditation App) *Technologies: Flutter, Firebase, Audio Player Plugin*
A meditation app focused on mental well-being, with features like guided meditation audio, progress tracking, and relaxation exercises. Google Play Link.

Shortly (Shortcut App) *Technologies: Flutter, Dart*
An app that offers shortcuts to all frequently used software and tools for a more efficient workflow. It includes notifications and customizable settings for the user. Google Play Link.

KMAG (Kathmandu Magazine) *Technologies: Flutter, Firebase, Cloud Functions*
A platform for content writers in Kathmandu to share articles, blogs, and creative content. Google Play Link.

NepaDengue *Technologies: Flutter, Firebase*
An app providing awareness, knowledge, and prevention about dengue fever, including real-time alerts about potential outbreaks. Google Play Link.

PERSONAL PROJECTS

Education Tech UI *Technologies: Flutter*
Designed a modern and interactive user interface for an educational platform, focusing on user engagement and seamless navigation.

Pills Tracking UI *Technologies: Flutter*
Created a UI design for a pill tracking app that allows users to log their medication, set reminders, and track their health progress.

Fitness App UI *Technologies: Flutter*
Designed a fitness app UI that includes workout tracking, progress visualization, and personalized health recommendations.

EDUCATION

Orchid International College 2018 – 2023
Bachelor's in Information Management

Liverpool International College 2016 – 2018
High School Degree in Computer Science and Physics

CERTIFICATIONS

Flutter Development Bootcamp with Dart *Udemy*
Comprehensive training on Flutter and Dart for building cross-platform mobile applications.

Advanced Flutter and Dart: Build Dynamic Applications *Coursera*
Focused on advanced Flutter concepts like animations, state management, and performance optimization.

Dart Clean Code: Writing High-Efficiency, Maintainable Dart Programs *LinkedIn*
Learned best practices and principles for writing clean, efficient, and maintainable Dart code.

Google IT Support Professional Certificate *Google/Coursera*
Gained in-depth knowledge of IT support fundamentals, including troubleshooting and system administration.

Docker Essentials: A Developer Introduction *Docker Inc.*
Hands-on training in Docker fundamentals, containerization, and managing containerized applications.

Introduction to Amazon Elastic Compute Cloud - EC2 *Amazon Web Services (AWS)*
Explored the fundamentals of Amazon EC2, including launching, managing, and scaling virtual servers in the cloud.