Abir Bin Billal

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Summary

- Passionate Flutter developer with 1.5 - 2 years of hands-on experience building cross-platform mobile applications.
- Proficient in Dart, Flutter, state management, Databases, Cloud Messaging, REST APIs, and creating responsive, user-friendly UIs.
- Experienced in designing scalable and maintainable applications with offline-first functionality and reliable local data persistence.
- Skilled in implementing modern, real-time communication features and user-friendly interfaces with attention to usability and performance.
- Continuously exploring new technologies and techniques to enhance app functionality and user experience.

Projects

Daily Expense Tracker   Nov 2024 – Feb 2025

- **Tech Stack:** Flutter, Dart, SQLite (offline-first), MySQL, GetX (state management)
- Developed a cross-platform mobile app for daily, monthly, and yearly expense tracking with **offline-first storage**.
- Implemented data visualization using interactive graphs and charts to provide spending insights.
- Built local data persistence with **SQLite** to ensure smooth offline usage and data reliability.
- Optimized the app for low-resource devices, ensuring high performance and responsiveness.
- Designed a clean and user-friendly UI, maintaining consistent state management using GetX.

Flutter Chat Pro   Aug 2025 – Present

- **Tech Stack:** Flutter, Dart, Firebase/Firestore, Firebase Auth, Firebase Cloud Messaging, Provider
- Developed a cross-platform chat application with **real-time messaging** and seamless user experience.
- Integrated Firebase Authentication for secure login using **OTP** and social provider sign-in methods.
- Implemented advanced chat features including message reactions, specific message replies, and read receipts to enhance user interaction. **WebSockets**, enabling real-time communication.
- Enabled **push notifications** via **Firebase Cloud Messaging** to keep users updated on new messages instantly.
- Managed application state efficiently using Provider for smooth and responsive UI updates.
- Designed a fully responsive interface compatible with all device sizes, ensuring an engaging and consistent chat experience.
- Set up and maintained **CI/CD** pipelines using GitHub Actions

Experience

Mobile App Developer (Full Time - Remote) — NanoClaw   OCT 2025 – Present

- Contributed to a **production-level Flutter application** serving real users, ensuring stability, performance, and scalability across multiple modules.
- Implemented and maintained complex features using **Bloc and Provider** for production-grade state management, optimizing app responsiveness and reliability.
- Collaborated remotely with cross-functional team members, maintaining clear communication, participating in code reviews, and following structured Git workflows.
- Gained hands-on experience solving **real-world engineering challenges** including API integration issues, performance bottlenecks, edge-case handling, and maintaining clean, maintainable architecture.

Skills

Programming Languages: Dart, Python, JavaScript, SQL

Technologies & Tools: Flutter, RestAPIs, Git, Github, MySQL, Android Studio, Docker, Postman

Languages: English(Business Level), Bengali(Native)