

Skills:

Languages: Dart, Java, JavaScript

Frameworks & State Management: Flutter, GetX, Riverpod (Basics)

Backend & APIs: Firebase (Auth, Firestore, Realtime DB, FCM), REST APIs, JSON

Tools: Android Studio, VS Code, Postman, Git, GitHub Desktop

Others: Push Notifications, Offline Support, Responsive UI, UI/UX Integration, Figma

Experience:

Flutter developer

CodeBright Technologies Pvt. Ltd.

Noida | September 2023 – Present

- Develop and maintained mobile applications using **Flutter** and the **GetX** library.
- Built **responsive designs** for cross-platform applications, ensuring optimal **performance** on both mobile and web platforms.
- Integrated **RESTful APIs** to enhance application functionality and user experience.
- Worked on Firebase integration for **real-time database**, authentication, and cloud functions.
- Collaborated with team members using Git for version control and project management.
- **Debugged** and resolved issues to improve application stability and performance.
- Contributed to the development of **Web** and **Windows executables** using Flutter.

Projects:

Gyantanttra LMS (Learning Management System) | [link](#)

Flutter, SCORM, HTML, APIs, GetX, Local Storage

- Building a cross-platform LMS app that enables students to learn via structured video lessons and interactive activities.
- Integrated SCORM-compliant HTML content and Flutter-based activity modules for a rich learning experience.
- Added **offline mode** allowing users to download videos and activities, all progress is tracked locally and **automatically synced** to the cloud when the user reconnects.
- Built **role-based dashboards** for multiple designations (e.g., Student, Teacher, Admin), dynamically rendering UI and functionality based on user type.

Advisor Connect – Book Ordering Platform | [link](#)

Flutter, REST APIs, GetX

- Developing a role-based book ordering system where users can browse catalogues and purchase books from publishers.
- Implemented bulk ordering features for brokers, enabling large-scale book purchases with streamlined workflows.

- Built an approval workflow: user orders are verified by admins before proceeding to the printing stage.
- Integrated infinite scrolling with pagination to efficiently load large book catalogues, reducing initial load time and improving UX.
- Cached paginated data locally to ensure smoother navigation and reduce redundant API calls within a session.
- Created admin tools to track all user orders, approve/reject orders, and manage user access (enable/block login).

DSS – Driver Safety & Surveillance System | [link](#)

Flutter, Firebase, REST APIs, Video Alerts, GetX

- Built a multi-role safety monitoring platform for vehicles fitted with CCTV cameras, designed to notify customers of risky driver behaviors.
- Defined and managed three user roles: **Admin**, **Dealer** (who sells and manages camera installations), and **Customer** (vehicle owners).
- Integrated real-time **alerts and warning systems** for events like smoking, drowsiness, head diversion, and alcohol consumption.
- Automatically captured short video clips for each incident and delivered them to the customer app as evidence for review and action.
- Enabled **dealers to manage installations** and monitor connected customers, while admins handled system-wide user and device management.

E-Book Application for Windows (Offline Mode)

- Developed an interactive **e-book application** designed for offline use on Windows.
- Implemented **realistic** book images with page-turning animations to simulate a physical book experience.
- Added audio features by **pinning** chapter-specific audio tracks to pages for easy listening.
- Created **four types** of interactive activities to enhance user engagement:
Match the Following, True and False, Fill in the Blanks, Multiple Choice Questions (MCQs)
- Developed a **test generator** tool allowing users to create custom test papers in **PDF format**.
- Stored all activity data and page indexing in **JSON format** within the assets, streamlining data replication and project scalability.

Education:

Master of Computer Applications | Dr. A.P.J. Abdul Kalam Technical University, 2023

Course work: OOPs, Responsive design, Cross-platform development, Problem-solving, Git, Debugging code