# Shahbas Ahsan K K

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## SUMMARY

- **Flutter Developer** with **2+ years** of experience in building **4+ production-grade mobile & desktop apps**. Proficient in **Flutter, Firebase, REST APIs**, and **state management** (GetX, Riverpod, Provider, Bloc). Led a team of 6 devs, shipped apps with **Bluetooth, HLS video**, and **custom native integrations**. Passionate about clean code and scalable architecture

## SKILLS

- Dart, Postman, Flutter framework, SqFlite, Firebase, REST APIs, Git, Push Notification, GetX, Github, Gitlab, Provider, Cursor, Commet, Bloc.

## WORK EXPERIENCE

**Nimbus Healthcare**                                                 **Thiruvananthapuram, Kerala**
*Lead Engineer*                                                                   *Aug 2025 - Present*

- Leading the development of the **Nimbus mobile** app for both **iOS** and **Android**.
- **Guiding and Mentoring junior Flutter developer, Conducting code reviews**.
- Collaborated with **UI/UX designers** to implement **intuitive and responsive user interfaces**.
- Integrated **RESTful APIs** and **third-party services** into mobile application.
- Worked closely with **product teams** to define requirements and translate them into **actionable development tasks**.

**Stackmod Innovations**                                             **Thiruvananthapuram, Kerala**
*Lead Engineer*                                                                     *Mar 2023 - Jul 2025*

- Led the development of **4 high-performance, scalable mobile applications** and **2 desktop applications** using **Flutter**.
- **Guided and mentored a team of 6 junior Flutter developers**, conducting **code reviews**, providing technical guidance, and fostering a **collaborative learning environment**.
- Collaborated with **UI/UX designers** to implement **intuitive and responsive user interfaces**.
- Integrated **RESTful APIs** and **third-party services** into mobile and desktop applications.
- Developed **custom platform channel integrations** in Flutter to access **native APIs** for features like **Bluetooth**, **stereo/media controls**, and **device-level services**.
- Released and maintained multiple **cross-platform Flutter applications** on **Google Play** and **Apple App Store**.
- Worked closely with **product teams** to define requirements and translate them into **actionable development tasks**.

## PROJECT EXPERIENCE

**Nimbus Healthcare**
*Nimbus Mobile App*                                                              *Aug 2025 - Present*

- Implemented **state management using Bloc**, enabling reactive UI updates and maintaining clean separation of business logic.
- Used Cursor for Assistance in development which made development 10x faster.
- Integrated **REST API** s using **Dio** package.
- Integrated **Websocket** with **JWT** authentication.
- Integrated the **Junction SDK** to **sync health data** with the **server**.

**Stackmod Innovations**                                             **Thiruvananthapuram, Kerala**
*Communa App*                                                                    *Jan 2024 - Jul 2025*

- Integrated **HLS video player** for seamless streaming experiences.
- Implemented **Apple and Google login** functionality for secure user authentication.
- Developed and maintained **Communa**, a platform designed for professional communities to connect, share knowledge, and support each other's growth.
- Built and managed a comprehensive **video library**, providing easy access to relevant professional content.

- Integrated and optimized **online courses** to facilitate continuous learning and skill development for community members.
- Implemented **state management using GetX**, enabling reactive UI updates and maintaining clean separation of business logic.
- Reduced app loading time by 40% via **REST API** optimization and caching strategies.

*Carlyn Auditometry*                                                                                          *May 2024 - Jul 2025*

- Developed **IoT device solutions** for real-time data collection and remote monitoring.
- Built **cross-platform applications** for Windows and Android tablets, ensuring seamless functionality across devices.
- Integrated **SQLite (via sqflite)** to store and record user activity offline.
- Implemented **USB data communication** protocols for efficient data transfer between IoT devices and tablets.
- Optimized cross-platform compatibility and performance to enhance user experience on both Windows and Android platforms.
- Integrated IoT device connectivity with mobile applications for **real-time data synchronization** and monitoring.
- Integrated **hardware connectivity** to control the application remotely from the user's end, enhancing usability and accuracy in patient assessments.
- Implemented a graphical interface for visualizing hearing test results and generating **PDF reports** for patient records.
- Implemented **state management using Provider**, enabling reactive UI updates and maintaining clean separation of business logic.

*MHSSP Clinical Vignette*                                                                                    *Mar 2023 - Mar 2024*

- Developed an **offline-first mobile application** for healthcare professionals in Mizoram, ensuring accessibility despite poor network connectivity.
- Integrated **SQLite (via sqflite)** to store and record user activity offline, providing seamless functionality in areas with limited internet access.
- Implemented a **CRON job** to synchronize local user data with the server, ensuring smooth data transfer when network access is available.
- Integrated **Pusher Channel** for real-time notifications, enhancing communication and engagement among healthcare professionals.
- Implemented **state management using GetX**, enabling reactive UI updates and maintaining clean separation of business logic.
- Reduced app loading time by 40% via **REST API** optimization and caching strategies

## EDUCATION

**Calicut University**                                                                                    **Thirurangadi, Malappuram**

*BSC - Mathematics*                                                                                        *Graduation Date: Apr 2020*

## SOFT SKILLS

- Team Leadership, Technical Mentoring, Clear Communicator, Agile Collaboration, Analytical Problem Solver

## INTERESTS

- Football, Travel and photography, Tech meetups and conferences, Cross-platform development, Mobile UI/UX design trends, Open-source Contributions.