HAMZA EHSAN

Software Engineer

📍 R-331 Rafi Bunglows Malir City Karachi

📞 +92 321 8929684 | hamzaehsan930@gmail.com

PROFILE

Experienced Software Engineer specializing in cross-platform mobile development using Flutter and Dart. Proven track record of building scalable, high-performance apps with clean architecture, efficient state management (BLoC, GetX), and Firebase integration. Strong problem solver with expertise in modular app design, CI/CD, and effective team collaboration.

PROFESSIONAL EXPERIENCE

Flutter Developer

Sybrid Private Limited – A Lakson Group Company | Karachi | *May 2025 – Present*

- Developed and delivered fully functional cross-platform applications using Flutter and Dart.
- Designed and implemented multiple UI screens based on client requirements, ensuring responsiveness and visual consistency.
- Integrated RESTful APIs, managing both data handling and UI presentation for diverse app use cases.
- Independently tested and debugged application flows, improving stability and performance.
- Collaborated with the team to align functionality with business logic, suggesting enhancements to usability.
- Applied clean code and modular design principles to ensure scalability and maintainability.

Junior Flutter Developer

Hysab Kytab | Karachi | *Oct 2024 – Apr 2025*

- Designed and maintained cross-platform applications with Flutter and Dart, ensuring high responsiveness across Android and iOS.
- Implemented BLoC pattern for state management, separating UI from business logic.
- Applied clean architecture principles for scalable and testable codebases.
- Built pixel-perfect UIs by translating Figma designs into custom Flutter widgets.
- Integrated Firebase services (Authentication, Firestore, Cloud Messaging) for real-time data handling.
- Participated in sprint planning and code reviews, ensuring quality and best practices.
- Optimized app performance and responsiveness by fixing layout issues across multiple devices.
- Contributed reusable components and shared logic to accelerate feature development.

Flutter Developer Intern

SOC Solutions LLC | Karachi | *Aug 2024 – Nov 2024*

- Worked on feature development and state management using GetX.
- Integrated Firebase (Authentication, Firestore), Stripe (payments), and Google Maps APIs.
- Designed and implemented UI screens based on client requirements.
- Independently tested and debugged flows to ensure stability and performance.

- Followed clean code and modular design practices for maintainability.

EDUCATION

Muhammad Ali Jinnah University | Karachi
Bachelor of Science in Software Engineering (BSSE) | *Sep 2020 – Feb 2025*

Govt. Degree College Malir Cantt
HSSC | *Sep 2018 – May 2020*

Fazaia Degree College Faisal
SSC | *Sep 2016 – May 2018*

SKILLS

- **Languages/Frameworks:** Flutter, Dart
- **State Management:** BLoC, GetX, Provider
- **Architecture:** Clean Architecture, Modular Design
- **Databases:** Firebase Firestore, Firebase Realtime Database, MySQL, MongoDB
- **Tools:** Git, GitHub, CI/CD, Linux
- **UI/UX:** Flutter Widgets, Custom UI Components, Material Design, Figma
- **Others:** API Integration, Debugging with Flutter DevTools, Cloud Messaging, Stripe, Google Maps, Integrated AI Models Object detection Model, Face Detection, Text Recognition, Image Labeling, On Device Translation, Smart Reply.