Ali Ahmed

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SUMMARY

Flutter Developer specializing in offline-first mobile applications with a strong focus on privacy, performance, and local data storage. Experienced in building production-ready Android and iOS apps using Flutter, Hive, and SQFLite, integrating AI APIs, and delivering end-to-end features from UI to backend systems.

EXPERIENCE

Software Engineering Intern   Jun 2025 – Aug 2025
Logixsy Technologies   *Islamabad, Pakistan*

– Designed and implemented new Flutter UI features, improving usability and visual consistency

– Implemented dark theme support for a React-based web application

– Developed a full Flutter application by reverse-engineering REST APIs and translating Figma designs into mobile-first UI

– Built a secure 2FA authentication backend using Tornado Server and SQLAlchemy, with expansion into a password manager

Independent Flutter Developer   Jun 2023 – Present
Self-Employed   *Islamabad, Pakistan*

– Developed privacy-focused, offline-first mobile applications with zero cloud dependency

– Released 2+ production-ready Flutter apps in productivity, habit tracking, and journaling domains

– Implemented local persistence using Hive and SQFLite for fast, reliable data access

– Managed full app lifecycle including UI design, state management, and performance optimization

PROJECTS

ProgressPal — Flutter, Hive, Provider, Gemini API   Mar 2025 – Present

– Designed an offline-first productivity app to help users build learning habits without cloud dependency

– Engineered core features using Hive for fast, type-safe local data storage

– Integrated Gemini API to generate AI-assisted goals, persisted entirely offline

– Built streak tracking and weekly calendar features to encourage consistency

– Implemented adaptive light and dark themes across the application

– Play Store: Download

Personal Diary — Flutter, SQFLite, Provider   Sep 2024 – Present

– Built a fully offline journaling app with image and text entries

– Implemented efficient CRUD operations using SQFLite

– Designed JSON-based backup and restore system for complete data portability

– Optimized performance for large text and image datasets

– Demo: YouTube

BioScout — Flutter, Hive, Gemini API   May 2025 (24-hour Hackathon)

– Co-developed a social MVP for nature enthusiasts to share wildlife sightings

– Integrated Gemini API for real-time species identification and fact generation

– Built a RAG-powered chatbot to answer local wildlife queries

– Implemented gamification using Hive-backed badge system

– Ensured full offline functionality during MVP phase

– Demo: YouTube

Education

National Skills University   Islamabad, Pakistan
Bachelor of Science in Computer Science   *Sep 2022 – May 2026 (Expected)*

Punjab College, Blue Area   Islamabad, Pakistan
Higher Secondary Certificate   *2020 – 2022*

Technical Skills

Languages: Dart, Java, Python, C/C++, SQL
Frameworks & Libraries: Flutter, Provider, Hive, SQFLite
Mobile Platforms: Android, iOS
Databases: Hive, SQFLite
APIs & Tools: REST APIs, Gemini API, Git