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 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