# Mohammad Qasim

## Flutter Developer

+923096892689 | [devmohdqasim@gmail.com](mailto:devmohdqasim@gmail.com) | [Portfolio Website](#) | [Leetcode](#) | [Linkedin](#) | [GitHub](#)

## EXPERIENCE

**Flutter Developer** — June 2024 – Present
*Appstree* — *Sargodha, Pakistan*
- Designed and developed AI-powered mobile applications with personalized features by integrating ChatGPT API and Google ML Kit to enhance user engagement and satisfaction.
- Implemented efficient state management using Riverpod and optimized data handling by integrating local databases like Drift, reducing cloud reads/writes and enabling offline access for better performance and cost savings.
- Collaborated closely with cross-functional teams and senior developers to rewrite and redesign app architectures following best coding practices, improving UI/UX, maintainability, and overall product quality.

**Android Developer Intern** — Sep. 2023 – March 2024
*CodeSquare* — *Sargodha, Pakistan*
- Assisted in developing and testing new features for Android applications under the guidance of senior developers
- Developed a wide range of small-scale mobile applications to strengthen hands-on skills, including a hotel app, a chat app, and a weather app, demonstrating proficiency in UI design, API integration, and local device features.
- Designed and developed a real-time chat application for lawyers and clients using Android (Java), ensuring secure and efficient communication

## PROJECTS

**AI-Powered Habit Tracking App** | [Play Store Link](#)
- Helped users build consistent habits and stay motivated over time by integrating custom UI/UX, daily reminder notifications, interactive calendars, and a streak system.
- Embedded AI to uniquely differentiate the app in the market by integrating ChatGPT API for personalized habit insights and progress tracking with smart feedback.
- Reduced unnecessary Firebase reads and writes by leveraging efficient state management with Riverpod, alongside secure authentication and cloud storage integration.

**Noti** | [Play Store Link](#)
- Due to a cluttered and outdated interface, redesigned the Noti app with a modern, intuitive UI/UX to improve feature adoption and reduce bounce rates.
- Reduced Firebase reads by integrating Drift as a local database solution, lowering Firebase costs for free plan users. This also enabled efficient offline data storage and retrieval.
- Revamped the app following good coding practices and using Riverpod for state management, collaborating closely with a senior developer to ensure quality and maintainability.

**AI-Powered Hair Products Scanner App** | [Play Store Link](#)
- Enabled users to quickly identify hair products and make purchase decisions by developing an AI-powered scanner app using Google's ML Kit, driving improved user satisfaction.
- Integrated ChatGPT API to classify ingredients as safe or unsafe, enhancing personalized hair care recommendations, increasing user trust, and driving higher retention and product engagement for the business.
- Implemented Drift for local data persistence, enabling users to revisit the app and access previously viewed products offline for a faster and smoother experience, alongside state management with Riverpod.

## TECHNICAL SKILLS

**Languages**: Java, Kotlin, Dart, Javascript
**Frameworks**: Flutter, Android SDK, Node.js
**State Management**: Riverpod, GetX, Bloc
**Networking & API**: Http, Dio, Express.js
**Databases**: SQLite, Drift, Firebase, Isar, MongoDB
**Tools**: Git, Postman, VS Code, Android Studio, FVM

## EDUCATION

**University Of Sargodha** — Sargodha, Pakistan
*BSCS* — *June 2020 – June 2024*