

HAMZA SHAHID

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Portfolio: [open](#) | LinkedIn: [open](#) | Play Console: [open](#)

PROFESSIONAL SUMMARY

Full-Stack Developer with over 4 years of professional experience specializing in **Laravel/PHP backend systems** and **Android mobile development**. Proven track record in designing scalable RESTful APIs, optimizing MySQL databases, and building feature-rich mobile applications. Expert in bridging the gap between backend architecture and mobile user experience, with growing proficiency in Flutter and Kotlin Multiplatform (KMP).

TECHNICAL SKILLS

- **Backend:** PHP, Laravel, REST API Design, JWT/OAuth, MySQL (Optimization)
- **Mobile:** Android (Java), Kotlin Multiplatform (KMP), Flutter (Fundamentals), Firebase.
- **Frontend:** JavaScript, Vue.js, HTML5/CSS (Not Expert).
- **Tools:** Git, GitHub, Postman, SQLite, Web3 APIs.

PROFESSIONAL EXPERIENCE

Android Developer | Webfalcons — Pakistan | Feb 2021 – Jun 2025

- Architected and maintained Android applications using Java and modern architecture patterns.
- Integrated mobile frontends with Laravel-based REST APIs to ensure seamless data synchronization.
- Optimized application performance and resolved critical bugs to enhance user retention.
- Collaborated with cross-functional teams to deliver production-ready software solutions.

Freelance Android & Backend Developer | Remote | Sep 2018 – Jan 2021

- **Geo Farming App:** Developed a geospatial application using **Voronoi diagram algorithms** to automatically divide cattle paddocks into equal grazing zones. Implemented map-based visualization to assist in efficient land management.
- **Social Media App:** Built a platform featuring short video sharing and real-time engagement. Implemented **DASH-based video uploads** and streaming optimization, along with multi-profile support and gig calendar management.
- **Video Downloader Tool:** Engineered a multimedia downloader supporting multi-platform **HTTP stream extraction**. Implemented multi-threaded download management and secure file storage for large media.

- **ERC-20 Crypto Wallet:** Built a cryptocurrency wallet for Ethereum tokens using **Web3 APIs**. Integrated secure private key encryption, wallet generation, and real-time transaction tracking.
- **MusicShare App:** Designed an audio streaming platform with background playback services, caching mechanisms, and optimized metadata management for high-performance streaming.
- **Ebook Reader:** Developed a reader supporting **EPUB and PDF rendering** with dynamic pagination, bookmarking, and efficient offline content parsing.
- **NoteSnap:** Created a collaborative note-sharing platform featuring cloud synchronization, local storage optimization, and a modular architecture for scalability.

Executive Engineer | Master Tiles & Ceramic Industries Ltd | Jul 2015 – Jul 2021

- Directed preventive and corrective maintenance for industrial production lines.
- Managed technical teams to ensure 99% equipment uptime and operational reliability.
- Implemented process improvements that enhanced machinery performance and output quality.

EDUCATION

Bachelor of Engineering — Mechatronics Engineering

Air University — Islamabad | 2015

LANGUAGES

- **Urdu:** Native
- **English:** Professional Working Proficiency

ADDITIONAL INFORMATION

- **Portfolio:** <https://hamzah682.github.io/portfolio/>
 - **Availability:** Open to relocation and international opportunities.
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