Shah Nizar

Home : 19300, Pasni, Pakistan

Email: shahnizarbaloch@gmail.com **Phone:** (+92) 3213622609

Website: https://shahapps.com/

LinkedIn: https://www.linkedin.com/in/shahnizarbaloch/

Gender: Male **Date of birth:** 18/04/1997 **Nationality:** Pakistani

ABOUT ME

I am a results-driven Software Engineer with 6+ years of experience, specializing in Android development for over 5 years. Skilled in Kotlin, Java, and cutting-edge technologies like BLE, VoIP, Jetpack Compose, and Kotlin Multiplatform, I create high-performing mobile solutions that drive user engagement and business success.

I've collaborated with international teams (UK/US-based) to develop apps in healthcare, real-time communication, and IoT. Passionate about clean architecture and continuous learning, I stay ahead of the curve in mobile innovation. Let's connect to transform ideas into impactful digital solutions!

WORK EXPERIENCE

[04/2023 – Current] **Senior Android Developer**

GlucoRx   https://www.glucorx.co.uk/

City: Guildford | **Country:** United Kingdom | **Business or sector:** Manufacturing

- Proficiently skilled in developing Android applications for both cutting-edge and legacy Bluetooth Low Energy (BLE) devices, with a focus on medical devices and healthcare technology.

- Expertise in integrating advanced encryption and decryption protocols to ensure secure data sharing between Android applications and BLE medical devices, adhering to the highest standards of patient data privacy and compliance.

- Accomplished in developing solutions that enable interoperability between Android platforms and a variety of BLE medical devices, optimizing compatibility and performance for devices of varying vintages.

- Demonstrated ability to work closely with interdisciplinary teams including hardware engineers, software developers, and medical professionals, facilitating effective communication and collaboration to deliver comprehensive solutions.

- Optimizing battery consumption and resource utilization within Android applications while maintaining a high level of BLE connectivity performance, essential for prolonged device usage and medical applications.

- Committed to staying updated with the latest advancements in BLE technology, Android development, and healthcare regulations, ensuring that all solutions align with the most current industry standards.

[08/2021 – 04/2023] **Lead Android Developer**

King Revolution (PVT) LTD   https://slickcall.com/

City: New Jersey | **Country:** United States | **Business or sector:** Information and communication

- I take immense pride in having led the Android team in the development of SlickCall, a cutting-edge VoIP (Voice over Internet Protocol) application that has garnered over 100,000 satisfied users on the Google Play Store.

- In my role as a team leader, I prioritized collaboration and knowledge-sharing, fostering an environment where each team member could contribute their unique skills and ideas. I conducted thorough code reviews, implemented efficient coding patterns, and

optimized performance to create an app that not only met user expectations but exceeded them.

- Led a high-performing Android development team to create SlickCall, a communication app that has achieved a user base of over 100,000 on the Play Store.

- Conducted regular workshops and knowledge-sharing sessions to keep the team updated with the latest trends and advancements in Android development.

- Collaborated closely with cross-functional teams to ensure seamless integration of features, resulting in a cohesive and user-friendly app experience.

- Mentored and guided fellow developers, instilling best practices and driving continuous improvement in code quality and app performance.

[02/2021 – 08/2021]   **Android Developer**

Taj Company (Pvt) Ltd   https://play.google.com/store/apps/dev?id=6698113424250109082

City: Lahore | **Country:** Pakistan

- Successfully conceived, designed, and developed a portfolio of impactful Islamic-based Android applications, attracting a collective user base of over 100,000 users across multiple projects.

- Spearheaded the end-to-end development of each application, from initial concept and architecture to coding, testing, and deployment on the Google Play Store.

- Created immersive and user-friendly interfaces that cater to the needs of a diverse audience seeking religious guidance, education, and spiritual enrichment.

- Demonstrated expertise in integrating specialized features such as prayer times, Quranic verses, supplications, and educational content, contributing to users' spiritual growth and daily practices.

- Effectively managed application lifecycles, regularly updating and optimizing features to provide users with enhanced experiences and ensure continued engagement.

[03/2017 – 07/2020]   **Android Developer**

Fiverr

City: Remote | **Country:** Pakistan

- In the realm of education, I've designed and developed engaging educational applications that leverage interactive features, multimedia, and gamification to facilitate effective learning journeys for users of all ages

- My expertise extends to the healthcare sector, where I've harnessed sensor technology to create medical applications that bridge the gap between cutting-edge medical devices and mobile technology. I've crafted solutions that enable seamless data collection, analysis, and monitoring, empowering users and healthcare professionals alike.

- My involvement in eCommerce has seen me create intuitive and secure mobile shopping experiences. I've integrated robust payment gateways, streamlined checkout processes, and optimized user interfaces to ensure a seamless path to purchase for customers.

- Beyond these domains, I've taken on a plethora of challenges, including social networking apps, travel solutions, entertainment platforms, and more. My adaptability and curiosity drive me to explore new frontiers, delivering tailored solutions that cater to unique project requirements.

EDUCATION AND TRAINING

[10/2016 – 10/2020]   **Software Engineering**

Balochistan University of Information Technology, Engineering and Management Sciences   https://www.buitms.edu.pk/

City: Quetta | **Country:** Pakistan | **Field(s) of study:** Information and Communication Technologies: ● *Software and applications development and analysis* ● *Database and network design and administration* ● *Inter-disciplinary programmes and qualifications*

involving Information and Communication Technologies (ICTs) ● *Computer use* | **Final grade:** A- | **Thesis:** Migraine Pal

[11/2018 – 02/2019] **Mobile Application Development (Android)**

Aptech https://aptech-education.com.pk/

City: Karachi | **Country:** Pakistan |

LANGUAGE SKILLS

Mother tongue(s): Balochi

Other language(s):

Urdu
LISTENING C2 **READING** C2 **WRITING** C2
SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2

English
LISTENING B2 **READING** B2 **WRITING** B2
SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

DIGITAL SKILLS

My Digital Skills

Android Development

Kotlin | Java | XML | Background and Foreground Services | Android SDK | Firebase | Retrofit | Bluetooth Low Energy (BLE) | Dependency Injection (DI) Hilt | Data Binding | MVC | Room Database | Realm Database | Jetpack Compose | MVVM | VoIP | SQLite Database | Push Notification | Room | MVP | Kotlin Coroutines | Work Manager | Espresso Testing | Alarm Manager | Encryption | Decryption | JUnit Testing | Android Studio | Mobile Sensors & Sensor Fusion

Software Engineering

Git | Testing and Debugging | CI/CD | Team Work | Agile Methodology

Other Languages and Tools

MaxPanel | Customer IO | ProtoBuf | PHP | Jira | Slack

PROJECTS

[Current] **BioXensor**

Bluetooth Low Energy (BLE) is a wireless communication technology designed for low-power consumption, commonly used in mobile devices to communicate with sensors and peripherals. In your application, **BioXensor**, BLE is used to establish secure communication between the BLE device and mobile, with encryption and decryption ensuring data privacy. The app monitors key health metrics such as **CGM (Continuous Glucose Monitoring)**, **heart rate**, and **vital signs**, among other parameters, providing real-time health tracking while maintaining secure data transfer.

Slickcall: Global Call & TopUp

Developed the Slickcall Android application utilizing VoIP technology with the PortSip library for real-time communication. Built using MVVM architecture for modularity and scalability. The app offers seamless voice services, available on the Google Play Store.

Zaanth - The Learning App

Zaanth is an application where you will improve your knowledge about all the disciplinary subjects. It helps you keep updated with the world news with its newspaper forums. Moreover, it's a heaven for academia where they can find research articles a click away. Zaanth encompasses all the preparatory test quizzes according to the requirement of syllabus of the respective tests. It also eases the stress of hourly scrolling by bringing all the entry tests (MCAT, ECAT, LAT, SAT, etc.) on your screen.

Migraine Pal

It is a medical application which tracks the activities of the user and give suggestions accordingly to reduce the triggers of the Migraine. It was my Final Year Project.

Taj Company Multiple Projects

Successfully conceived, designed, and developed a portfolio of impactful Islamic-based Android applications, attracting a collective user base of over 100,000 users across multiple projects.

Play store link: https://play.google.com/store/apps/dev?id=6698113424250109082