

SHAKIL AHMED SHAJ

Android Developer

📍 Khulna - 9100, Bangladesh

☎ (+88) 01521313051, (+88) 01312313051

✉ shakilahmedshaj@gmail.com 🌐 www.shakilahmedshaj.com



👤 About Me

Working as a freelancer & running a Tech YouTube Channel "[SHAJTECH](#)" having 78k+ Subscribers. Looking for an entry level Job or Internship to start my software development career professionally as well as for improving my teamwork ability and upgrade my skills and abilities to the next level.

⚙️ Technical Skills

- **Languages:** Java, Kotlin, C, C++, PHP, Python.
- **Paradigms:** MVVM, MVP, MVC, REST, Clean Code.
- **Android:** Android Jetpack & Architecture Components, Life Cycle, AdMob, Push Notification, Services, Offline Storage & Caching, Android SDK, XML, Google Map, Multi Screen & Language Supporting.
- **Design:** Material Design, Constraint Layout, UI/UX Design, Wireframing.
- **Storage/DB:** MySQL, SQLite with Room Persistence Library.
- **Platform Libraries/APIs:** AndroidX, Firebase Android SDK, Databinding.
- **Server/Backend Integration:** REST API, Firebase, Firestore.
- **Async & Concurrency:** Kotlin Coroutines, RxJava.
- **Web:** PHP, Javascript, jQuery, AJAX.
- **Frameworks:** Laravel, Lumen, Bootstrap.
- **Analytics:** Crashlytics.
- **Libraries:** Dagger 2 (basic), RxJava, Retrofit, Android KTX, Anko, GSON, Timber, Picasso, Glide, ZXing, Coil, Hilt, Paging 2, Room, ExoPlayer.
- **Version Controlling System:** Git & Github.
- **Operating System:** Windows, Any Debian based Linux Distributions.
- **Additional:** Video Editing, VFX, Graphics Design, PowerPoint Presentation.

📁 Projects

- **Mr. Med - Medicine Home Delivery & Services** → ➤
By Uploading Your Prescriptions Photo, You can get any kind of Medicines, Medical Services or Products Easily at Your Home. Its live in production for a local start up having 1000+ active users.
➤ `java, retrofit, notification, material design, constraint layout, codeigniter backend;`
- **Easy Task - Task Management App with online data syncing** → ➤ ➤
User can signup, login & update their profile. Registered users can add, update & delete task with their status. All the data is live synced via Laravel REST API & secured with Laravel Passport authentication.
➤ `kotlin, mvvm, coroutines, caching with room, glide, jetpack, livedata-viewmodel, navigation architecture, data binding, retrofit, laravel backend;`
- **বাংলা রেসিপি সম্ভার | Bangla Recipes** → ➤
User can get all kind of cooking recipes in an easy way and user-friendly interface. Its also supports recipe videos.
➤ `java, exoplayer, dark mode, native ad, picasso, onesignal, retrofit, okhttp3, facebook shimmer;`
- **SFF - College Admission** → ➤
User can register by phone with otp verification, upload their admit card, add their personal and desired college info and pay for their admission.
➤ `java, rxjava 2, firebase auth, retrofit, picasso;`
- **EasyTask - Laravel REST API** → ➤
Backend REST API for Easy Task Android App.
➤ `laravel, passport, rest api, json;`
- **Women Safety Box** → ➤
Android App for Women or any Female, which Will Call to an Emergency number, based on a specific voice command like "Help". It will also send SMS with current GPS coordinates to those numbers. This app will run as background service and will work even the in the lockscreen mode.
➤ `java, google map, service;`
- **Easy QR Code Scanner** → ➤ ➤
Simple app that can scan any QR code and show the result instantly with beep sound.
➤ `java, zxing, dexter, recyclerview, cardview, constraint-layout;`

💼 Work Experiences

- 📄 **Mr. Med (Pvt.) Ltd.**
Founder & CTO • 2019 - Present
Mr. Med is a SMART and USER-FRIENDLY Mobile and Web solution that offers the users any kind of medicine and medical services they need. I have developed its complete Android Application with Backend and maintaining all of its technological aspects. It has 1000+ active user.

🏆 Additional Experiences

- 📺 **YouTube Channel - [SHAJTECH](#)**
Technical Channel having 78k+ subscribers which covers every aspect of the technology and makes Video Tutorials in such a way that every level of people can understand it easily. You can also get Reviews about different Technology, Products, Apps, Software, Websites and many more related to technology.
- 🏆 **Participation and Achievements**
 - **The 2019 ACM-ICPC Dhaka Regional Contest 2019**
 - **KU_CSE FEST 2019**, hosted by Khulna University - Participated in Programming Contest.
 - **Macronnovators: IEEE SS12 2018** - Qualified in primary selection round.
 - **CSE Fest 2017**, hosted by North Western University - Participated in Programming Contest and Project Show.
 - **Arduino Workshop 2017**, by Maslab.

🎓 Certifications and Affiliations

- Took Place in **Top 3 Developer** in Mobile Games & Application Development Android and iOS by Ministry of ICT, Bangladesh.
- **Champion**, Intra University Programming Contest 2019, North Western University, Khulna.

📖 Research and Publications

- 📄 **An Empirical Study on Diabetes Mellitus Prediction Using Apriori Algorithm** → ➤
July 31, 2020 • Springer, Singapore
We have tried to build up some rules using Association Rule Mining technique with various diabetes symptoms and factors to predict diabetes efficiently.
- 📄 **Risk Prediction of Ischemic Heart Disease Using Artificial Neural Network** → ➤
April 04, 2019 • IEEE
By implementing artificial neural network techniques in our collected dataset we have done the risk prediction. Accuracy is around 84.47%.
- 📄 **A Comprehensive Analysis on Risk Prediction of Acute Coronary Syndrome using Machine Learning Approaches** → ➤
February 04, 2019 • IEEE
The central scheme of this analysis is to anticipate the significant contingency of tachycardia.

🎓 Education

- 🏠 **Bachelor of Science | Computer Science & Engineering**
2017 - 2021 • North Western University, Khulna
- 🏠 **Higher Secondary Certificate | [Science]**
2013 - 2015 • Govt. M.M. City College, Khulna
- 🏠 **Secondary School Certificate | [Science]**
2011 - 2013 • Khulna Zilla School, Khulna

📌 Highlighted Contents

- 📺 **Git and Github in One Video (Theory + Practical) | A 2 Z in Bangla** → ➤
- 📺 **All Computer Hardware & Parts in Bangla** → ➤
- 📺 **Tor, Dark Web, Deep Web A to Z in Bangla** → ➤
- 📺 **Data Recovery A to Z in Bangla** → ➤
- 📺 **World of Animation & VFX** → ➤