

# Mortuza Shahariar



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## Education

### BSC IN COMPUTER SCIENCE & ENGINEERING

University of Asia Pacific

CGPA 3.19

## Skills

### MOBILE APPLICATION DEVELOPMENT

With 7.9 years of experience, I have honed my skills in various areas of mobile development:

- **Android (Java & Kotlin):** Proficient in implementing in-app purchases, managing fragments, designing custom UI with Material Design principles, incorporating animations, utilizing third-party libraries, applying object-oriented programming (OOP) concepts, handling multimedia, preventing memory leaks, optimizing battery consumption, utilizing services, integrating location services and broadcast receivers, working with architectural patterns like MVP and MVVM, leveraging Firebase services, creating aesthetically pleasing custom UI designs, utilizing ROOM for database management, implementing dependency injection with Dagger, and adopting the latest UI framework, Jetpack Compose.
- **Flutter (Dart):** Skilled in creating visually appealing interfaces using Material Design guidelines, implementing smooth animations, and integrating third-party libraries. I follow the repository pattern for efficient data management.
- **React Native:** Collaborating as part of a small team, I have been involved in building React Native applications for both iOS and Android platforms. This includes architecting, developing, and maintaining high-quality applications with clean code. I focus on implementing pixel-perfect UIs that align with design specifications, incorporating clean, modern animations and transitions for an exceptional user experience. I seamlessly integrate third-party APIs and successfully release applications on both Apple and Google Play stores. Additionally, I work with native modules whenever necessary.
- **iOS (Swift & SwiftUI):** Proficient in designing and building iOS applications using Swift and SwiftUI. I prioritize creating applications that are user-friendly, efficient, and comply with Apple's guidelines.
- **Unity:** I have gained experience in various Unity features such as particle systems, Vector3 manipulation, Transform component, pathfinding, 2D physics, sprite rendering, Rigidbody2D, Collider 2D, animation implementation, and more. This allows me to create immersive game experiences.
- **Figma:** Using Figma for designing apps/websites. **Link:** <https://www.figma.com/project>

### WEB DEVELOPMENT & API

- **PHP Framework:** Laravel 5.4.

## Experience (7.9 Years)

### **SQUARE INFORMATIX LIMITED | SR. PROGRAMMER | DECEMBER 2017 TO PRESENT**

- Design and develop high-quality, user-friendly mobile applications for Android and iOS
- Platforms using Java, Kotlin, Swift, Flutter and React Native.
- Collaborate with cross-functional teams to gather requirements, create technical specifications and deliver high-quality software on time and within budget.
- Work with designers to create visually appealing and intuitive user interfaces.
- Develop and maintain CI/CD pipeline using Jenkins and other tools.
- Optimize application performance and troubleshoot issues using debugging tools and analytics.
- Stay up to date with the latest development trends and best practices in the mobile development industry.
- Worked closely with the design and product teams to implement new features and improve existing ones.
- Built and maintained the CI/CD pipeline using Jenkins.
- Payment system integration [VISA, MASTER] with City Bank [Both Mobile & Web].
- Integrate bKash and city touch API both web and mobile apps.
- Mentored junior developers and helped them improve their skills.

### **SHURJOMUKHI LIMITED | PROGRAMMER | SEPTEMBER 2015 TO DECEMBER 2017**

- Designed and coded from specifications, analyzed, evaluated, tested and implemented complex software apps.

## Projects

- **Hatekhori:** Hatekhori which is a Bangla Alphabet and Numbers learning App is here to help children learn the Bengali Alphabet.

Company: shurjomukhi Limited

URL: <https://play.google.com/store/apps/details?id=com.sm.banglaalphabet>  
<https://play.google.com/store/apps/details?id=com.sm.haatekhorisonkha>  
<https://play.google.com/store/apps/details?id=com.sm.haatekhoriconjuncts>

- **Electronic Doctor Call Record Supervisor:** Electronic Doctor Call Record Supervisor is an app utilized by over 3000 employees to manage field force activities in the pharmaceutical industry, specifically in partnership with Square Pharmaceuticals. The app serves as a comprehensive tool for tracking and supervising the daily tasks of field force personnel. Module name: Tour Plan, DVR (Doctor visit register), Work plan, Fortnight, PWDS, GWDS, DSS, Sample Statement, Report, Physical Stock.

URL: <https://www.squarepharma.com.bd/supervisor>

- **Square Sales App:** The Square Sales App is designed for registered Square Pharmaceuticals chemists, enabling them to conveniently place direct orders for medicines. With this app, chemists can easily browse the product catalog, select the desired medicines, and place orders directly from their mobile devices. The app ensures seamless synchronization with Square Pharmaceuticals' database, providing up-to-date product information, including availability and pricing. Orders are processed efficiently, with automatic daily product syncing to maintain accuracy.

Company: Square InformatiX Limited

URL: <https://www.squarepharma.com.bd/sssa>

- **Electronic Detailing:** To increase the effectiveness of product promotion and company's revenues by providing a new approach of communication channel to build a strong relationship between pharmaceutical and doctors. Interactive content and very specific review data and feedback collection platform.

Company: Square InformatiX Limited

URL: <https://www.squarepharma.com.bd/edtl>  
<https://mortuza.dev/images/edtl.png>

- **Digital Square:** Digital Square is an android platform application to install/uninstall another application which is hosted on a local ftp server. Single sign-on (SSO) and role-based features are used. A notification dashboard helps to inform users of the latest news/order.

Company: Square InformatiX Limited

URL: <https://i.pinimg.com/originals/7d/68/02/7d680221e90f8aa405adedcdd0d8b707.png>

- **Teachers Training institution (UI/UX Design-Figma):**

Teachers Training institution (UI/UX Design): Teacher training institution means a School or College offering a program of teacher education approved by the board of education.

Application Feature:

Login, Dashboard, Training Schedule, Creating Group, Assign an Assignment, Draft, Training Session Feedback, Broadcast training Live. Download Training Season or Training material.

Create Event for special occasion, Library to borrow books, History and Request books.

Certification and Report.

Build a concept to design UI/UX based on teachers training institute.

Create Component based design using Figma design Tool.

- **HiTaxi (IOS):** The HiTaxi app is a platform that connects riders and drivers, facilitating the process of requesting and accepting rides. The rider app allows users to request a taxi by entering their pickup and drop-off locations. Once a ride request is submitted, drivers using the driver app can view and accept the ride based on their availability and proximity to the rider's location. The app provides real-time updates, including estimated arrival times and driver information. By leveraging the HiTaxi app, riders can conveniently book rides, while drivers can efficiently manage and accept ride requests, creating a seamless and reliable transportation experience.

**Link:** User: <https://apps.apple.com/us/app/hi-taxi-request-a-ride/id1552610165>

Driver: <https://apps.apple.com/us/app/hitaxi-for-driver/id1535830838>

- **DIDS (Doctor Investment Database System) (Flutter):** is a Flutter app designed to streamline doctor investment management. It offers various features such as doctor investment initialization and role-based approval. The roles in the system include MPO, TM, RSM, and DSM. The app provides a notification system to keep users informed about investment updates. It enables users to initiate investment requests, specifying investment details, while ensuring the appropriate approval hierarchy based on roles. The app also offers a user-friendly interface and robust data security measures, contributing to efficient and secure doctor investment tracking and management.
- **SFBL Dashboard App (Flutter):** SFBL Dashboard App is a dashboard application software that handles a wide variety of business information like Current, Monthly and Yearly Sales and Target represented with a graphical view.

- **Delivery & Collection Management System (DCM):** The Delivery and Collection Management System is designed to ensure smooth, reliable, and timely product delivery for pharmaceutical companies. It offers features such as live delivery tracking, automated route scheduling, proof of order delivery, and multiple image conversion into PDF format. The system facilitates payments, both cash and card, at the customer's end and provides notifications and notices for enhanced communication. It handles return and replacement products, manages store and account clearance to the assigned depot, and generates reports and analytics. The system also includes fraud monitoring and risk management capabilities. The responsibilities of the development team included creating a prototype, analyzing requirements, collaborating with the backend team to develop RESTful API, and following the MVVM architecture.
- **Xrsense:** This app developed for smart glass like vuzix. Capturing image in background using CameraX, Video calling for help or support, Group video conference. Geo fencing for area tracking. Capturing image classification fire and other criteria. Info: <https://www.vuzix.com>
- **chobi chai (PHP-Laravel):** Chobi Chai project is your one-stop solution for your entire photo printing requirements. You upload your favorite image, select the paper, paper size we will print it and deliver it to your home or office.  
Company: shurjomukhi Limited
- **payPoint:** This mobile app brings online mobile recharge facility in such a way that you can easy recharge your phone.  
Company: shurjomukhi Limited.  
URL: <https://play.google.com/store/apps/details?id=pp.shurjomukhi.droid>
- **CMDSS:** Purpose of the CMDSS is to help Trust Bank Mobile Money Division, the business division of the Bank that looks after the Mobile Financial Service (MFS) arm of the Bank, in managing its agents, the dealers and distributors with better data and decision making tools.  
Company: shurjomukhi Limited.  
URL: <https://play.google.com/store/apps/details?id=com.sm.cmdss>
- **JetCopter2 (UNITY):** A jet copter fighting against an enemy copter and tank. Work a few months in unity.  
Company: shurjomukhi Limited.  
URL: <https://github.com/shahariar007/JetCopter2>
- **GPS SPEED:** GPS Speed app to measure vehicle speed. It is the best GPS speedometer app for speed measurement of the vehicle. This is the easiest GPS speed app and the best bike and car speedometer you can ever find.  
URL: <https://github.com/shahariar007/GPSTime>
- **Arabica Coffee:** The Sales Order System caters to the needs of customers, field force personnel, and dealers. It enables companies to sell products directly to customers or through authorized dealers. The system streamlines the ordering process, allowing customers, field force members, and dealers to easily place orders, track their status, and manage inventory. With this system, companies can efficiently manage sales operations, optimize distribution channels, and ensure smooth order fulfillment for enhanced customer satisfaction.

## Reference

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