SOURAV DAS

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PROFESSIONAL EXPERIENCE

Software Engineer   Aug 2021 -Current
Tallykhata (SureCash)   *Dhaka, BD*

- Led enhancement of Bangladesh's top digital bookkeeping platform, **Tallykhata**, and its integrated fintech app, **TallyPay**, driving 5 million downloads.
- Overhauled legacy **Java** code to **Kotlin**, introducing **Coroutine**, **Dependency Injection**, **MVVM** architecture, and **unit testing**.
- Engineered a **hybrid login system**, fortified **security** components, crafted a dynamic survey **module**, and delivered **fintech** innovations.
- Accelerated **e-KYC** process by **30%** enhancement.
- Implemented **AdMob**, enhanced file operations, and optimised **Camera**, **FCM**, and **Network** Security across Tallykhata and TallyPay.
- Boosted performance by up to **40%** with **ReactiveX** integration into codebases.
- Achieved a remarkable 300% speedup in write operations through strategic DB optimisations.
- Provided pivotal support for the SureCash **flutter** app.
- Demonstrated effective leadership by **managing resources** and providing precise project **time estimations**.
- Authored **technical design documentation** and conducted **unit testing** for feature development.

Junior Software Engineer   Jan 2020 - Aug 2021
Field Buzz   *Dhaka, BD*

- Designed and implemented features for two enterprise applications using **Java** & **Kotlin** for NKG.
- Research and develop various utility features for our own SaaS application.
- Implemented GPS-guided farm mapping, Inventories, and Dashboards using **RxJava**.
- Work with back-end engineers and QA to deliver the best experience.
- Demonstrated strong problem-solving and analytical skills to identify and resolve technical issues.

SKILLS

- Languages: **Java, Kotlin, Dart**, Python, JS.
- **Android SDK** & Android architecture components, third-party libraries (e.g., **Retrofit**, **Glide**, **Firebase**), Android view system, **Jetpack compose**, **Room DB**, MongoDB Realm, **testing frameworks**, Git.
- **Flutter framework,** BLoC, Hive DB, Sqflite, etc.

EDUCATION

Bachelor of Computer Science and Engineering, Daffodil International University, Dhaka.   2016 - 2020

- CGPA: 3.79 /4.00
- Thesis: Speech Recognition in Bengali Language. ([Github](https://github.com))

PROJECTS

Hush! An Android app to silence unwanted notifications pushed by other applications and keep track of them so users can check it anytime. Created with Jetpack Compose following clean architecture. [Google Play](https://play.google.com) / [Github](https://github.com)

Gitabitan. An app serving a community of passionate Rabindra Sangeet singers. Written on Flutter following best practices. Uses Firebase as a backend. Has **42K** Downloads on [Google Play](https://play.google.com)

Oversplash. Unofficial Unsplash client with photo browsing, sharing, and wallpaper setting. Built with MVVM architecture, clean code principles, and RxJava/RxAndroid. [Github](https://github.com)