


MD Abir Hasan Zoha

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EDUCATION

Daffodil International University

2016 - 2021

Bachelor of Science in Computer Science and Engineering

CGPA 3.94 out of 4.00

OPEN SOURCE CONTRIBUTION

Swift Argument Parser (Apple Project)

Jan, 2021

- Added custom helpNames support for Subcommand
- Fixed issue #215
- Written test code to validate that my change is working
- Updated documentation to make user aware of the changes

Raywenderlich iOS App (emitron-iOS)

Nov, 2020

- Fixed UI related bug
- Fixed issue #495
- Followed their code structure by using Swiftlint

WORK EXPERIENCE

Software Engineer ,(Toffee App) Nexdecade Technology Pvt. Ltd.

May, 2021 - Current

- Did QA on our existing app, reported multiples bugs and fixed most of them.
- Created a central Trello board to manage and track bugs & backlogs which made the team more organized and relieved the cognitive load.
- Found a potential security issue with our usage of GCP Bucket and took initiative to solve the vulnerability.
- Developed multiple features including User Activities, Playlist Creation, Favorites, Subscriptions using Core Data, Alamofire, UITableView, UICollectionView etc.
- Started discussion to form an architecture in our codebase so that we can easily add new features and modify the existing ones.

Mobile Developer, Shohay Limited

Oct, 2020 - Current

- Helped my manager to materialize his idea.
- Helped the designer to create the flow of the app.
- Developed multiple android apps using Compose UI, Retrofit, OkHttp, Hil

Git Explorer - iOS

Nov, 2020

- An iOS app I developed to help fellow bootcampers learn and work with git
- Used Codable, Selection Picker, Custom UIView, AutoLayout.
- Some of my classmates created pull requests which I merged with my codebase.

Smart PDF Tools - iOS & Android

Feb, 2020

- Enabled users to convert files from one format to another quickly.
- Designed the UI/UX and developed the Android and iOS native apps.
- The app gained 10k+ users and mostly 5-star reviews in less than half a year on Play Store
- Developed responsive iOS App using Auto Layout and size classes

Junior Android Developer, Bangladesh Youth Leadership Center

Dec, 2018 - May, 2020

- Developed and maintained the educational Android App independently.
- Took the initiative to do user research to remain relevant in the market.
- Surveyed 600+ students from high school to the university level along with teammates.
- Analyzed the survey data to find out user pain points and finally redesigned the app
- Surveyed 600+ students from high school to the university level along with teammates.
- Customized the look and feel of the app and kept the project up to date with OpenEDx
- Built multiple variants of the app from the same source code for corporate clients.

COURSES & TRAINING

Raywenderlich iOS Bootcamp

May, 2020 - Aug, 2020

- Learned about Swift, TableView, CollectionView, SwiftUI, Core Data, URLSession, GCD, etc.
- Developed confidence to work on the any application by completing weekly assignments.
- Received **Top Five Students** Award for my excellent performance

BUILDING BRIDGES THROUGH LEADERSHIP TRAINING

Nov, 2020

- Leadership training course offered by the premier leadership institute in Bangladesh.
- Helped me learn teamwork, communication and leadership.
- Worked with a diverse group of students from different socioeconomic backgrounds
- Learned to respect each other's views even when we do not agree.

COMMUNITY INVOLVEMENT

Speaker at KotlinConf 2019 Global, Dhaka

Feb, 2020

- Introduced Kotlin Coroutine in the local Android Meetup at Dhaka.
- Motivated the listeners to start thinking of introducing Coroutine into their codebases.
- Discussed how easy to use Kotlin Coroutine and its first-class support in the Android SDK.