



Tawhid Shahrior Hridoy

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WORK EXPERIENCE

Peep The Place

February 2020 — Present

Software Engineer

Working on Peep the Place app, for both the iOS and Android platforms. Responsibilities include implementing new features and corresponding UIs, code optimization, migrating JAVA code base to Kotlin, structuring code in MVP architecture, communicating with GraphQL and other back-end services, integrating Firebase Crashlytics and much more. Version control used is Bitbucket.

Spinner Tech

February 2020 — Present

Remote Android Developer

Working as a remote android developer on various client projects, under assigned deadlines. I have to build native as well as cross platform applications as per requirement.

Minecraft Labs

December 2018 — Present

Co-Founder and Instructor

Working on this start-up as an instructor for programming languages and at the same time, overseeing the marketing decisions of the company.

Asymptote Technologies

May 2019 — December 2019

Remote Android Developer

Successfully delivered three mobile application solutions for a set of local and international clients. Additional responsibilities also included product prototyping with Adobe XD, documenting code, writing some server-side code in javascript and testing api endpoints with Postman.

Imagine Radio

December 2018 — April 2019

Software Quality Assurance Engineer

Responsibilities were limited to black-box testing and writing user stories and test cases initially, later on had to perform white-box testing too. Test automation software used was Appium for the React Native system.

QUALIFICATIONS

Machine Learning and Data Science :

- Experience in working with Scikit Learn, NumPy, OpenCV, TensorFlow and Keras
- Data visualization experience with Seaborn, matplotlib
- Completed multiple related courses in DataCamp
- Attended seminars and workshops on Machine Vision, Natural Language Processing and Big Data.
- Knowledge on common machine learning algorithms and underlying concepts

Flutter Framework :

- Intermediate level expertise in cross platform application development

Native Android :

- Solid Knowledge on the core Android SDK
- Knowledge on GraphQL and RESTful web services and Integration
- Working experience with Apollo Android, Retrofit, Volley and okHTTP
- Working experience with third party libraries
- Able to design sophisticated UI/UX with Google Material Design
- Solid knowledge on Design Patterns (MVC, MVP, MVVP)

JAVA SE :

- Certified JAVA Developer (Government Training, December 2017-April 2018)
- Developed desktop applications using SWING and JAVA FX
- Solid knowledge on JAVA Design patterns

Databases worked with :

- Solid knowledge on Relational Database Management System (MySQL, PostgreSQL, SQLite)
- Working experience with noSQL Database (Firebase)

Others :

- Python Programming Language
- Kotlin Programming Language
- Dart Programming Language
- Expert in product prototyping with Adobe XD
- Version Control experience with Git.
- Experience on simulation and computation using MATLAB
- Intermediate expertise on Adobe Photoshop
- Usage of API development environment Postman
- Multiple apps published on BDapps playstore, a platform by ROBI Axiata Limited.

EDUCATION**BSc in Computer Science****Jan 2016 — Dec 2019**

BRAC University

- My CGPA is 3.51
- Part of BRAC University Community Service Club as a general member
- Part of BRAC University Computer Club as a general member

Higher Secondary School Certificate**Jun 2013 — May 2015**

Rajuk Uttara Model College

- Science Division
- Passed HSC with a GPA of 5.00 (With additional subject)

Secondary School Certificate**Feb 2008 — March 2013**

Rajuk Uttara Model College

- Science Division
- Passed SSC with a GPA of 5.00 (Without additional subject)
- Captain of the school football team
- Active member of the Music Club of the school.

ACHIEVEMENTS

- Runner up at Robi BDapps Innovation Hackathon 2018
- Winner at Google Developer Group Bangladesh Hack Sprint 2018
- Certification on attending a research study on "How Computer Programmers Work" organized by Cornell University, University of California San Diego and Innovations for Poverty Action.