Asif Ahmed Sohan

Contact No. : (+88)01674926462
Email ID: asifsohanz@gmail.com
GitHub Profile: www.github.com/sohanzz
Hackerrank profile: www.hackerrank.com/asifsohanz

Career objective

I am an enterprising individual intending to contribute my knowledge for the enhancement of our values. I am always enthusiastic to work with new things and constantly learning through trying. I have a proactive attitude to find the positivity in my work. It helps me to overcome new challenges and compliment myself.

Work Experience & Research

Jr. Software Engineer (Level 2), Field Information Solutions GmbH/Ltd. (May'19 – August'21)

- Develop mobile app solution for sourcing and distribution agriculture products.
- Managing assigned projects for deliverables and updates.
- Implement complex domain logic and workflow into apps.
- Follow modular app architecture to provide SAAS solution.
- Projects: NKG BECAMO Bloom, Kamapim PNG, BRAC Microfinance Liberia etc .

Key contribution

- Refactoring codebase and convert to MVVM architecture with latest design conventions.
- Implement farm mapping feature to mark the territory area in map.
- Optimize dynamic view generation query by 60%.
- Handle data dependency to provide offline support.

Indoor Positioning Techniques using RSSI from Wireless Devices (Accepted in ICCIT 2019, IEEE Conference), First Author

- Detect the position of smart devices (Phone, laptop) inside an indoor environment.
- It can adapt environments dynamically according to the environment architecture.
- It estimates the path loss inside a room or a closed area regardless of any LOS and is not limited by walls.

Education

Bachelor of Computer Science and Engineering
BRAC University (2015 -2019)

- CGPA: 3.15 /4.0

Technical skills

- Programming Language: **Java**, **Kotlin**, **Dart**, **python**.
- Working knowledge of **MySQL**, **Firebase**, **Firestore, Realm.**
- Experience with **Object-oriented programming, Design patterns**.
- Integrate **Third Party Api** with Android Platform.
- Experienced with **Google Map Api**, **Map Clustering**.
- Experienced with **Google Analytics** to analyse in-depth user experience.
- Familiar with **Material Design** guideline for **UI design**.
- Proficient in version Control tools: **Git**, **Github**, **Bitbucket**.
- Experience with **Project Management** and **documentation** with **Redmine.**

Other skills & Activities

- CVIS workshop on Firmware Development, BRAC University.
- LICT TOP-UP IT Training for Android Application Development.
- CVIS workshop on Game Development, BRAC University.
- Basic Robotics, BRAC University.
- Android App Developer at freelance service marketplace.
- Workshop on Presentation Skill, BRAC University.

Projects

- **Easy InApp Updater library**

  Open source android library to easily integrate android in app update using google APIs.
  https://github.com/sohanzz/Easy-InApp-Updater

- **Subliminal Android Application**

  Display overlay custom messages and images on screen for specific time period which won't be visible to eye and interact with subconscious mind with repetitive connection

- **To do web App**

  A web app to track and schedule your tasks using ExpressJS and NodeJS
  Project Link: https://todoapp-node-js.herokuapp.com/
  (username – asif & password - asif)

- **WebUp Android Application**

  Check your website status with specific time interval and duration.

- **AI and NLP Chatbot**

  Chatbots for website and Facebook using different platforms like flowxo, rundexter, dialogflow.

- **Breast Cancer detection**

  Detect Breast cancer using SVC.
  Medium Article .

Interests

Cycling, Photography, Travelling