# Sk. Kamruzzaman

353/A, Khilgaon, Tilpapara , Dhaka-1216
+880-01791693643
bitaron90@gmail.com

## Work Experience

### Commlink Info Tech Ltd.(Sept 2017 -)
*https://www.commlinkinfotech.com/*

- Network management software
    - Use *google Map api* with *flux architecture*
    - Implement *TMF814V3.2* using *Corba*.
    - Backend development(caching,api) in *Java*.
- System on Chip(SoC)
    - Project management.
    - Build system using *ruby* and *rake* to build, test and deploy.
    - Add *unity C* testing framework.
    - Embedded large application software(*C* language) debug.
    - *SoC* boot using *U-boot* and *linux*.
    - *SoC* h/w pin configuration and connection check.
    - Documentation of every process.
    - Android app to upload application software to SoC

### mPower Social Enterprises Ltd.(Feb 2017 - Aug 2017)
*http://www.mpower-social.com/*

- Develop OpenSRP(an open source project) in *java spring*

### Questtag Inc.(Jan 2014 - Nov 2016)
*http://www.questtag.com*

- Develop REST API using *java* and *play framework*.
- Implement front end client *jquery*.
- End-to-End Testing and Quality Assurance.
- Create Documentation for both public and internal use.

## Official Projects

### OpenSrp
*http://smartregister.org/*

- Unit and Integration tests.(https://github.com/OpenSRP/opensrp-server/commits/path?author=Bitaron)
- work on MIS-1 report.(https://github.com/OpenSRP/opensrp-server/commits/bd-family-planning?author=Bitaron)
- Docker Integration.(https://github.com/OpenSRP/docker-builds/tree/docker-postgresql)

### Questtag Delivery Solution
*https://dashboard.questtag.com*

- QT dashboard features.(http://www.questtag.com/features/)

### Corba architecture
*https://git.io/Jeray*

- *Corba* library use example.

### Embedded application test
*https://git.io/JeraH*

- Use of *Cppu* library to test *C* code.

## Principles

Clean Code.
Reliable and Reproducible Build System.
Feedback loop
Self testing Code base.
Separation of concerns.
Automate what you can.
Document everything.

## Education

2015 – **Bachelor of Science**
Computer Science and Engineering
*Bangladesh University of Engineering and Technology*
*CGPA: 3.00/4*

## Language Skill

| | |
|---|---|
| Intermediate | java, javascript, PHP, Shel ,SQL |
| Basic | C family of languages, LaTeX, HTML & css |

## Tools

| | |
|---|---|
| Intermediate | Maven, Play, Node.js, React.js, Flux, jquery. Android, Gradle, Retrofit |
| Basic | Angular.js, Laravel, Tomcat, AWS. |

## Personal Projects

### Build Systems
*https://git.io/v15lc(mvn), https://git.io/v15lW(sbt)*
*https://git.io/v15l4(js)*

- Use of **maven** with **JAX-RX & JPA**.
- Use of **sbt** with **Play & Ebean**..
- Build system using **node** and **jake**

### Weather Application
*https://git.io/v15lR*

- Display temperature and current local time based on city.
- Use of **react.js** and **flux** architecture.
- Testing **flux** using **jasmine**.

### Android Applications
*https://bit.ly/2Kkv8Z6*

- Turn mobile silent based on predefined time and **geofence**.
- Use of **gradle**.