

# RESUME

## Md. Riadul Islam

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## SUMMARY

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Currently, I am holding the position of Jr. Software Engineer (offshore team) in Banglafi Solution Ltd. with joint venture Japanese Company, K. K. Innovative Solutions. I have an internship experience in Microsoft Bangladesh. I am a proactive and multidimensional professional with an exceptional track record of problem-solving skills. Highly skilled in client communication and able to prepare detailed documentation to move forward with any project promptly.

## QUALIFICATIONS

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- More than 2 years of experience in application development for Mobile platform.
- Strong knowledge on JAVA, Kotlin, JavaScript, Genexus etc.
- Moderate knowledge of Python (Machine learning and familiar technique with libraries)
- Highly capable to analyze, estimate and develop application for mobile platform.
- Has good knowledge on Android (Java, Kotlin) App development.
- Developed several mobile applications for Android using native environment.
- Also developed mobile application using cross platforms such as Genexus.
- Able to learn new concepts, techniques and programming language very quickly.
- Good communication skill with team players, superiors as well as clients.
- Efficient in designing the Relational Database for particular problem domain.
- Have hands on working experience as a team player with overseas developers (Japan).

## KNOWLEDGE AREA

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**Front End:** HTML, CSS, Bootstrap, XML

**Mobile:** Java, Kotlin

**Language:** JavaScript, Python

**Cross Platforms:** Genexus (Low Code Platform)

**SQL/NoSQL:** MySQL, SQLite, PaperDB

**Problem Solving – i) URI** - <https://tinyurl.com/uririadul> **ii) HackerRank** - <https://tinyurl.com/hrriiad>  
**iii) CodeWars** - <https://tinyurl.com/cwprbslv>

**OOP Design Patterns:** MVVM, MVP, Singleton

**Tools:** Eclipse, Android Studio, IntelliJ IDEA, VS Code  
**Git, Postman, Gradle.**

Docker, Virtual Box, FileZilla

**OS:** Ubuntu, Windows.

## EDUCATION

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Masters of Science (MSc), Computer Science & Engineering  
**Jahangirnagar University (2020-2021)**

Bachelor of Science (BSc), Computer Science & Engineering  
**Manarat International University (2016-2020)**

Higher Secondary School Certificate (HSC), Science Group  
**Govt. K.C. College (2013-2015)**

## PROFESSIONAL EXPERIENCE

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### **Banglafire Solution Limited (A Japan Bangladesh Joint Venture).**

#### **Junior Software Engineer**

December'2020 to Present

##### **Skill Used:**

Android App Development (Java and Kotlin), Design UI Prototype, Retrofit, Gradle library development, SDK, API Integration, Junit, Genexus, Genexus Smart Device (Android), SQLite, Git, Agile Software Development Methodologies, Task Management with Backlog

##### **Responsibilities:**

- Creating native Android Application using Java and Kotlin when needed.
- Developing web application (GeneXus) when needed.
- Working directly under JAPAN PM. Communication with Bridge SE and confirm clients' requirements and deliver with proper documentation.
- Writing program code to meet system requirements, system designs and technical specifications correspondingly focus on security and privacy.
- Writing, updating, and maintaining technical documents, end-user documentation, and manual testing procedures.
- Debugging, Testing and Publishing application on play store.
- Monitor the performance of the live apps and continuously improve them.
- Review and repair legacy code.
- Provide status reports of team activities against the schedule.

### **Microsoft Bangladesh – Young Bangla**

#### **Intern**

February'2018 to May'2018

##### **Skill Used:**

Android App Development (Java), Messaging Chatbot, Design UI Prototype, Teamwork, Startup culture, Project Management, Business Theories

##### **Responsibilities:**

- Analysis real life problem also find the solution using technology.
- Develop android based application with API integration.
- Pitch the plan as a demo startup business in front of the specialists.
- Maintain Milestones and Deadlines with proper documents.
- Collaborate with team member on best practices.
- Provide status reports of team activities against the schedule.

##### **Awards:**

Our team was awarded the **top 20** in a total of 200 teams. I was the team leader on my team the role of GAME CHANGER.

## **Other Activities**

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International Association of Engineers (Membership Number: 294571)

**General Member** (Oct'2021 - Present)

MIU CSE Club, Manarat International University

**Organizing Secretary** (Oct'2018 – Mar' 2020)

GeeksforGeeks

**Campus Ambassador** (May'2018 – Jul'2019)

Young Bangla

**Campus Ambassador** (Mar'2018 – Jan'2020)

## PROFESSIONAL PROJECTS

Clients	Projects
<b>Astute (Banglafire Solution Ltd.)</b> Educational Management Solution [astutebd.com]	<b>ASTUTE (Teacher and Guardian): Android</b> application for 50+ educational institute for their Guardian and Teacher. - <b>Teacher app</b> is developed for the teachers to perform their tasks, like student attendance, routine, marks entry, digital content, and notice. Also, to get updates about their activity and progress in their educational institute. Integrated Authentication system using API also Develop the feature backend through APIs. Upload in play store and monitored the crash report. Link: <a href="https://tinyurl.com/astute-t1">https://tinyurl.com/astute-t1</a> - <b>Guardian app</b> is developed for the Parents/Guardians, to monitor their children(s) also to get updates about their activity and progress in their educational institute. Integrated with bKash, Guardian can pay student fee through application. Link: <a href="https://tinyurl.com/astute-s1">https://tinyurl.com/astute-s1</a>
<b>K.K. Innovative Solutions</b> (A JAPAN based company) [innovative-solutions.co.jp]	- <b>AFMS (Asset Flow Management System)</b> developed for Mitsubishi Motor Corporation): <b>Web</b> application to manage digital devices life cycle including distributing to package handler to repairing with shipping integration when damaged, all in one platform. Solution developed on GeneXus 16. Link: <a href="https://tinyurl.com/afms-bfsl">https://tinyurl.com/afms-bfsl</a>
<b>Fatullah Apparels</b> Knit Wears Manufacturers & Exporters	- <b>Garments Clip: Android</b> application to manage garment employees real time attendance, complain, communication channel with management, overtime and leaving system life cycle, all in one application.
<b>Microsoft – Young Bangla</b> Internship Program	- <b>iBaby: Team Riot</b> created an <b>Android</b> application, that can help prevent complications during pregnancy and after pregnancy, helping keep both the mother and the baby safe. It's gives them total support during the pregnancy period and general problems through system. Overall communication care of the child through TensorFlow AI based messaging Chatbot. Also make a mom community for their sharing experience.
<b>Academic Project/Paper</b>	- <b>Quiz Hunter</b> - Android-based application does quiz adds, removes, deletes, and customizes from the admin panel. And the user is simply logged in and plays the quiz game. - <b>Manaratian Student Journal</b> - easy supervision of the Institute ( <b>Android</b> , Course Work) Link: <a href="https://tinyurl.com/manarat-sj">https://tinyurl.com/manarat-sj</a> - <b>Rice Disease Detection and Classification with Convolution Neural Network</b> (Upcoming Paper)

## LICENSES & CERTIFICATION

**GeneXus 16 Junior Analyst**, Issued by GeneXus  
Link: <https://tinyurl.com/genexus-c1>

**Mobile Application Development (Android)**, Issued by BITM  
Link: <https://tinyurl.com/bitm-ac1>

**Android Developer Course: Beginner to Advanced**, Issued by Udemy  
Link: <https://tinyurl.com/udemy-ac1>

**Microsoft – Young Bangla Internship**, Issued by Microsoft Bangladesh  
Link: <https://tinyurl.com/msyb-inc1>

**Brand Ambassador Microsoft Bangladesh**, Issued by Microsoft Bangladesh  
Link: <https://tinyurl.com/msba-c1>

**Python for Data Science**, Issued by Data Camp  
Link: <https://tinyurl.com/pdscience-c1>

## REFERENCES

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