

Md. Riadul Islam

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[GitHub](https://github.com/rdnasim/) [LinkedIn](https://www.linkedin.com/in/rdnasim/)



MOTIVATION

Strong in design and integration with intuitive problem-solving skills. Proficient in C, JAVA, PYTHON and JAVASCRIPT. Passionate about programming and problem-solving with implementing and launching new projects. Ability to translate business requirements into technical solutions. Looking to start the career as an entry-level software engineer with a reputed firm driven by technology.

Experience

Intern, Microsoft – Young Bangla

Feb, 2018 - Oct, 2018

[Microsoft Bangladesh](#)

Team Riot created an Android app ([iBaby](#)) that can help prevent complications during pregnancy and after pregnancy, helping keep both the mother and the baby safe. Everyone wants their healthy baby but it is not possible for unconsciousness. In our project, we give them total support during the pregnancy period and general problems through our apps. Overall care of the child through AI messaging bot. We also make a Mom community For their sharing experience. We were in the **top 12 in total of 200 teams**. [Project Video](#)

Organizing Secretary

Oct, 2018 - Mar, 2020

[MIU CSE Club, Manarat International University](#)

Prepared program and manage the events of my University. Reaching information on the club and give the help of students for joining the club. This year, We have arranged MIU CSE Fest 2020. In this fest, I developed a website for this event [demo](#) I was in charge of some events. Such as Programming Contest, ICT Olympiad, Math Olympiad.

Education

B.Sc in Computer Science and Eng.

Jan, 2016 - Dec, 2019

[Manarat International University, Dhaka, Bangladesh](#)

CGPA - 3.67

Relevant Coursework: Structured Programming (C), OPP (Java), Data Structures, Algorithms, Statistics and Probability, Database Systems, Operating Systems, Software Development, Computer Graphics, Internet and Web Programming (HTML, CSS, JS, PHP), Computer Networking, Artificial Intelligence, Neural Networks and Fuzzy Systems, Digital Signal and Image Processing, Computer Vision and Robotics, Simulation and Modelling.

H.S.C. in Science with GPA 4.50 from Govt. K.C. College, Jhenaidah - 2015

S.S.C in Science with GPA 5.00 from Bhaturia Secondary School, Jhenaidah - 2013

Activities

- [Microsoft Bangladesh](#), Brand Ambassador (A Certificate of Recognition Brand Ambassador. Microsoft targets the youth and providing a platform for the people)
- [GeeksforGeek](#), Campus Ambassador (Spread awareness about Competitive Coding)
- [Young Bangla](#), Campus Ambassador (With the motto “ Connecting the Dots ”, becomes a young talent to promote, share and spread out youth towards my community.)
- [Higher Study Abroad - HSA](#), Campus Ambassador (Bangladeshi students and professionals staying abroad, all working together to help aspirants answer their queries about higher studies and to connect expatriates via social networking)

Programming Lang.

- **C** (Structure)
- **Java** (OOP with Android)
- **Kotlin** (Android)
- **Python** (Machine learning and familiar with Django) – [Python libraries](#) (TensorFlow, Matplotlib, Numpy, Keras, Pandas)
- **Web Technologies** (HTML, CSS, Bootstrap, JavaScript, PHP, WordPress)
- **Problem Solving** ([URI](#), [Hackerank](#), [Hackerearth](#), [Codewars](#), [Codeabbey](#))

Android Development

- Android, XML, JAVA, Firebase, API Integrating, Groovy, Gradle, REST, JSON, GIT, MVC, SQL database.
- Experience with third-party libraries and APIs
- Understanding of life-cycle, design principles with architect component and guidelines
- Worked with the UI team to design the appropriate icon and display for the screens.
- Developing, testing and implementing test code with Publishing apps to the Play Store.

Skills

- Problem solving and logical thinking
- Experience of developing data science model focused in python
- Software development (Specially Native Android)
- Event Organization
- Collaborate with other teammate
- English Communication (B1 Level)

Tools/Software

Android Studio, GIT, Linux, VS Code, Jupyter Notebook, Sublime Text, IntelliJ IDEA, Filezilla, Trello, Illustrator, Photoshop, **OS** (Ubuntu and Windows)

Project

- [iBaby | Android | Microsoft - Young Bangla Internship](#)

Design and develop a smartphone application to empower patients with the ability to self-manage their health. I develop a mom community by which one mother can share an experience with others. -[Github/Demo](#)

- [Quiz Hunter | Android](#)

This area Quiz adds, removes, delete and customizes for the admin panel. But the user is simply log in and play a quiz game. - [Github](#)

- [Tour Planning | Android](#)

Allow users to create events based on location and time Create an optimal itinerary based on events the user wants to do Allow users to set a budget and keep track of payments Evenly divides costs between individuals of a group - [Github](#)

- [Weather Helping | Android](#)

Weather Helping Weather Radar & Forecast: A useful & needful weather app for you! Weather Radar & Forecast app: the accurate real-time weather report, minute-by-minute forecasts, 7-day weather forecast. - [GitHub](#)

- [Manaratian Student Journal | Android](#)

A beautiful helping app that you can trust on "Everything is here to help you". A Manaratian student Journal android app which is useful for students as well as the university faculty member and other academic staff. The main objective behind the use of MSJ(Manaratian Student Journal) is the easy supervision of the Institute. [Github/Demo](#)

[MORE PROJECTS](#)

Scholarship

- **BITM (SEIP) Scholarship** - Mobile Application Development ([Android](#))
- **Intel® Edge AI Scholarship Program**
- **The Complete Android Developer Course: Beginner To Advanced!** on Udemy - [Link](#)

Academic Project/Paper

- **Manaratian Student Journal** (Android, Course work) [Researchgate](#), [Code](#)
- **iBaby** (Android, Published by Microsoft BD) [Researchgate](#), [Code](#), [Video](#)
- **CIFAR-10 - Object Recognition in Images** (Machine Learning) - [Report](#), [Code](#)
- **House Price Advanced Regression Techniques** - [Report](#), [Code](#)
- **Rice disease detection and classification with Deep Learning** (Upcoming Paper) - [Code](#)

Media

- **Writer and Contributor**, [Medium](#)
- **Blog writer**, [rdnasim.pro](#)
- **Quora**, [rdnasim](#)