Rimi Reza

Free thinker, Explorer, a firm believer of the concept called "Continuous Learning".
A sole believer of "Leadership and Learning are indispensable to each other" – John F.Kennedy

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EXPERIENCE

Therap (BD) Ltd., Banani, Dhaka — *Senior Software Engineer*

November 2021 - Present

- Working in a Research and Development team on the Internet of Things. Tech stack: Spring Boot, MySQL, Oracle Cloud Infrastructure, ESP8266 microchip, Rabbitmq, Activemq.
- Implemented Rest API for IoT prototypes
- Implemented MQTT protocol based workflow for IoT prototypes
- Implemented OTA (Over the Air) update based workflow for updating Firmwares of IoT device prototypes.

Therap (BD) Ltd., Banani, Dhaka — *Software Engineer II*

November 2019 - October 2021

- Worked on a module which was based on the JBOSS framework named SEAM. Also got involved with some new modules of Spring framework.
- Was working on session management issues which were creating different kinds of issues on particular modules.
- Was involved in making prototypes for module redesign, used a prototyping tool called Justinmind for this purpose.
- At the middle of this role, I was appointed as an IoT Research & Development Engineer. My first team project was to implement a prototype interface which was fetching data from the devices having third party APIs.

Therap (BD) Ltd., Banani, Dhaka — *Software Engineer*

December 2016 - October 2019

- Worked on Therap's monolithic main application which is based on Spring framework with Hibernate and Oracle Support.
- The main modules of the application I was involved in are: TMS, General Event Report

SKILLS

- **Language**: Java, Javascript, C, Python
- **Framework**: Spring MVC, Angular, Spring boot, JAVA EE, JPA
- **Tools & Services**: Hibernate, Rabbitmq, Activemq, OpenRefine,
- **Databases**: MySQL, Oracle, MongoDB
- **OS**: Windows, MAC, Linux (mint, Ubuntu)
- **Others tools or Software I am experienced with:** Matlab, Proteus, PSPICE, Expodsch2, Microwind, Arduino, Android Studio, Gimp, Emu8086, ATK–VNL

AWARDS

Received Merit Based Postgrad scholarship at BRAC University the scholarship is provided based on the result of first semester

Awarded for Table Tennis (Individual) arranged by BRAC University

Awarded for Table Tennis (Group Championship) Inter

Therap (BD) Ltd., Banani, Dhaka — Associate *Software Engineer*

OCTOBER 2016 - December 2016

- Worked on Java Servlet framework, Spring Core 3, Spring MVC, Hibernate, MySQL, JSP

Robi Axiata Limited, Dhaka— *Internship*

AUGUST 2016 - SEPTEMBER 2016

- Working as an intern for IP Networking – Operational team.

EDUCATION

BRAC University, Mohakhali, Dhaka— *M.Sc. in Computer Science and Engineering*

FEBRUARY 2021 - PRESENT

Last Semester CGPA: 3.95 (out of 4.00)

BRAC University, Mohakhali, Dhaka— *B.Sc. in Electrical and Electronic Engineering*

JANUARY 2012 - DECEMBER 2016

Major in Electronics, Minor in Computer Science

CGPA: 3.38 (out of 4.00)

Viqarunnisa Noon College, Dhaka— *H.S.C*

2011

GPA: 5(without 4th subject)

Viqarunnisa Noon College, Dhaka — *S.S.C*

2009

GPA: 5(without 4th subject)

PROJECTS/ THESIS

"Bandstructure Observation of Graphene Nanoribbon and Boron-Nitride Nanoribbon Embedded Graphene Nanoribbon"— *Undergraduate Thesis*
Due to distinctive electronic properties and potential future application in tunable bandgap opening, Graphene Nanoribbon (GNR) has received strong attention. Boron Nitride Nanoribbons (BNNR) exhibit analogous structure. Thus domains of Graphene embedded in Boron Nitride can be synthesized to open a bandgap exposing the semiconductor behavior of Graphene more precisely. A numerical investigation of the impact of GNR embedded in BNNR explains the bandgap tunability as well as transport property of Graphene. This unique versatility is likely to bring a radical change in the electrical field

Software companies table tennis tournament.

Awarded championship in "Electroquest" arranged by BRAC University EEE club.

Received Certificate for Volunteering in IEEE R10 technical seminar at BRAC University Student branch

Received Certificate of participation for workshop on MATLAB at BUET and BRAC University (IEEE sponsored)

Received Merit Based Undergraduate scholarship at BRAC University the scholarship is provided based on the result of H.S.C and S.S.C examination.

Received Board Scholarship based on H.S.C result

Received Board Scholarship based on S.S.C result

Received Scholarship from a scholarship program named "Joynul Scholarship Examination"

Received certificate for participation in Science Fair at Viqarunnisa Noon School

Awarded and Received certificate for Essay writing competition

Received Award for different singing, painting, hand writing competitions

LANGUAGES

Bangla, English, Hindi, French(beginner level)

not only by encouraging innovation but also by improving the mechanism of existing devices. READ MORE

SOCIAL MEDIA

- https://www.linkedin.com/in/rimi-reza-duity/
- https://github.com/rimi22duity
- https://www.facebook.com/rimi.duity
- https://www.instagram.com/remus_the_ri/