

Riazul Islam Rifat

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✉ riazul.ir928@gmail.com in LinkedIn 🌐 GitHub

👉 Personal Website

TECHNICAL SKILLS

Skills:

Python, JavaScript, SQL, HTML, CSS, FastAPI, Django, SQLAlchemy, PostgreSQL, Odoo, RestAPI, GraphQL, Docker, Linux.

PROFILE

Programming and R&D enthusiast. University Lecturer, Software Engineer and a problem solver. Love to teach and work on technical product to provide the most desirable one.

PROFESSIONAL EXPERIENCE

BRAC UNIVERSITY, Lecturer (Contractual)

10/2023 – present

- Preparing academic materials and conducting classes.
- Contributing to the Department in academic and extra-curricular activities.

Mir Info System Limited, Software Engineer

12/2022 – 06/2023

- Designed and implemented **AI chatbot** from scratch for MIR Group using Python, SQL & RASA. This bot made the internal **communication** of MIR Group **faster** than before.
- I have **led** the chatbot **content team** and delivered contents to optimize the chatting system.
- Implemented business **logics** for customized odoo modules. One of my customized manufacturing module is now **used in** one of the largest local (BFIL) footwear **industry**.

Vivasoft Limited, Jr. Software Engineer

06/2022 – 12/2022

- Designed and implemented **APIs** of a Blog System for the employees of Vivasoft Ltd to share their written blogs with other employees under the central platform. This is now successfully **used** by **350+** employees.
- Designed and implemented multiple features for an existing meal management project using FastAPI, SQLAlchemy, PosgreSql etc. I **planned** and implemented a major **feature** for this project that helped to **reduce cost** and food **waste** around **10%-15%**..

BRAC University, Teaching assistant / Student tutor

02/2021 – 04/2022

- My responsibility was to teach students and assist faculties in different courses like programming language 1 & 2, Computer Architecture etc.

EDUCATION

Bachelor degree in Computer Science and Engineering, BRAC University

01/2018 – 05/2022

CGPA- **3.83** out of 4

Higher Secondary Certificate (HSC),

Cantonment Public School and College, Momenshahi

GPA- 4.75 out of 5

Secondary School Certificate (SSC),

Purbadhala J.M Pilot High School

GPA- 5.00 out of 5

RESEARCH AND PUBLICATION

Paper Title : Deep Learning Based Bangla Voice to Braille Character Conversion System

The aim of our research is to help blind people both in speaking and reading by an automated system which converts Bangla audio character into braille pattern. Me and my team have successfully introduced the technology through our research and our work is officially accepted by an IEEE conference and academic organization.

AWARDS AND ACHIEVEMENTS

Programming and Academic

- Obtained **AlgoExpert certification** from AlgoExpert.io as a recognition of completing hundreds of problems related to data structure and algorithm using the best approaches.
- Solved **400+ problems** in different online coding platforms, this enhances my logical and critical thinking capabilities.
- Achieved band score **7.0** in IELTS listening and speaking module with an overall band score 6.5.