

# Md. Rafiqul Islam



## Work Experiences

Present  
|  
Sep, 2019

### Software Engineer

**Barikoi Technologies LTD.** (<https://www.barikoi.com>)

My involvement as a Software Engineer :

- Lead some products
- Supervising the Interns.
- Requirement Analysis.
- Database Design and validated with proper test case.
- Develop restful api for web and mobile app.
- Collaborate with other developers and engineers to design, build, and maintain applications.
- Develop barikoi's core search.
- Build barikoi's autocomplete and another search API
- **Build Rupantor Geocoder API**
- Deploy project in docker

My involvement as a Junior Software Engineer :

- Write and debug code
- Build System API to analyze users usage and counts for admin dashboard
- Build custom Spell Checker Module.
- Build Banglish to Bangla and Bangla to Banglish API.

Feature Project :

- **Barikoi Search** (Python, Flask, Elasticsearch).
- **Rupantor Geocoder** (Python, Flask, RegEx, NLP, Mysql, SQLite, Elasticsearch).

Accomplished :

- API's provide up to **80K+** queries per day.
- Launched Rupantor Geocoder to improve the efficiency of companies deliveries by decreasing time and resource consumption.
- Onboard Logistics company in Rupantor and Autocomplete Search
- And almost **85%** backend search related work is mine as a developer.

## Skills

### Technical Skill

- 2.5+ years of experience in software development with Agile methodologies.
- Product analysis, planning, task prioritize.
- Knowledge about project management tools like Clickup, Asana.
- Python, C++, JS, Flask, Django, FastAPI, Pandas, Unicorn, nginx.
- MYSQL, PostgreSQL, SQLite, Firebase, Elasticsearch.
- Knowledge about data science (NLP, NER, Sentimental Analysis).
- Docker, Python Virtual Environment, Git, Github actions, CI/CD, etc.
- knowledge about deploying applications on AWS, Azure and Huawei Cloud server.
- Experience building SAAS based REST APIs.
- Comfortable in Ubuntu and Windows.

### Achievement & Awards

- Got 300+ accepted solutions at Various type of Online Judge.
- Participated in countless other online programming contests.
- **5th position** at BUBT Intra University Programming Contest.
- **18th position** at IUBAT Inter University Programming Contest and there were more than 60 teams from many universities all over the country.
- **1st position** at Barikoi Internal Hackathon.

## Projects

### Text-Analysis

Analyzed restaurants data from peoples Review to decide the best Restaurant. Used: Python, textblob

### CodeLab (Desktop application)

Desktop application to learn various programming languages. Used: .Net framework, C#, Visual Studio.

More Details to visit <https://github.com/rafi138>

## Contact Info

✉ [rafiqul.abprs@gmail.com](mailto:rafiqul.abprs@gmail.com)

☎ +8801781100117

☎ +8801939446145

in [linkedin.com/in/torafi](https://www.linkedin.com/in/torafi)

🏠 H-7, R-32, Rupnagar,  
Mirpur, Dhaka -  
1216, Bangladesh

## Extra Curricular

- Working Student Welfare Organizations
- Mathematical Quiz competitions

## Personal Info

- Father: A- Salam Fakir
- Mother: Selina Begum
- Nationality: Bangladeshi
- DOB: August 28, 1994
- Marital Status: Married
- National Id: 236 476 2175

## Interests

- Research
- Planning
- Reading blogs
- Coffee
- Travelling
- Watching movies
- Listening to music

## Links

🔗 [rafi138](#)

📄 [rafiqul-islam](#)

in [linkedin.com/in/torafi](https://www.linkedin.com/in/torafi)

f [Rafiqul Islam Rafi](#)



## Education

July, 2019  
|  
Feb, 2015



### **B.Sc. in Computer Science and Engineering**

Bangladesh University of Business and Technology

- CGPA: 3.91 out of 4
- Team Lead at BUBT Code\_X for Intra and Inter Programming Contest



## Thesis

2019



### Location based recommendation method using Machine learning to predict user's destination

Using various methods and algorithms of machine learning. Attempted to find a user's next destination.

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