

# Tarekul Islam

Greater NYC Area | rahin6810@gmail.com | [LinkedIn.com/in/tarekislam](https://www.linkedin.com/in/tarekislam) | [GitHub.com/tarekul](https://github.com/tarekul) | [Portfolio](#)

## EDUCATION

**City College of New York, City University of New York (CUNY)**

**Graduation: Jul 2019**

Bachelors of Science in Computer Science

**Pursuit (formerly C4Q)**

**Graduation: Aug 2019**

Full Stack Web Fellowship

## Summary

Backend developer with 3 years of experience in designing and developing scalable GraphQL APIs, optimizing backend services, and solving complex challenges with simple, effective solutions. I am a proactive communicator who thrives in agile environments and enjoys pair programming. I consistently ship code and contribute to team success, with a focus on delivering effective solutions to complex challenges.

## SKILLS

**Languages** *Proficient* JavaScript(3yrs) · React(3yrs) · PHP(2yrs) · GraphQL (3 yrs) *Intermediate* SQL(2yrs) · Python(2yrs) · AWS Lambda(2yrs) *Beginner* AWS Personalize(1yrs) · AWS Step Functions(1) · AWS Personalize(1yrs) · AWS AppSync(1yrs)

**Software** AWS · Firebase · Bootstrap · Git · Bash · Feature Flag Management(Split.io) · Algolia · Blueshift · GraphQL

## EXPERIENCE

**Backend Engineer II**

**Jul 2021 - Aug 2024**

Skillshare

New York, NY

- GraphQL Development: Designed and implemented GraphQL schemas for existing types, queries, and new schemas.
- Developed and integrated field resolvers for GraphQL schemas, enhancing the system with new types and queries.
- Optimized Search-API with custom spans, cutting HTTP errors from 80 to real failures.
- Integrated Learning Paths into search suggestions, leveraging Algolia for personalized recommendations.
- Optimized the goal selector to improve class recommendations based on user goals.
- Integrated class engagement events into Blueshift-Notification-Router for targeted emails.
- Took ownership during Search API attrition and collaborated with SRE for a successful launch.
- Achieved significant impact on Skillshare's key business metrics
  - Engagement metrics up 13%
  - Lesson plays up 17%
- Migrated identity authentication from NestJS to Node.js, reducing Lambda dependencies and improving latency.

## AI PROJECTS

**Grocery Go** | [Github](#)

- Enable grocery delivery from local supermarket for community.
- Built using React, Express, and Firebase

**Cook With Me** | [Github](#)

- Create a community to share recipes, add grocery items to shopping list, and cook alongside voice assistants.
- Built using New York Times API, React, Material-UI, Firebase, Express, Puppeteer, and ArtyomJS(cooking assistant)

**Loop Studios Landing Page** | [Github](#)

**Impress Clothing** | [Github](#)

**Junior Dev Jobs Search** | [Github](#)

**Tip Calculator** | [Github](#)

**Time Tracking Dashboard** | [Github](#)

**Testimonials Grid** | [Github](#)

**Four Card Section** | [Github](#)

**Recipe Page** | [Github](#)

**Newsletter Sign up** | [Github](#)

**Netflix Sign In Page Clone** | [Github](#)

**Blog Preview Card** | [Github](#)