

Md Rafi

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RELEVANT SKILLS

Programming Languages

C#, C++, Java, JavaScript, Python, SQL

Frameworks & Libraries

Express.js, Next.js, Node.js, React.js

Tools & Technologies

Bash, Git, GitHub, Gradle, AWS, Google Cloud, Heroku, Visual Studio Code

Databases

MongoDB, Oracle, PostgreSQL

RELEVANT EXPERIENCE

Software Engineer @ Tata Consultancy Services

August 2021 - Present | Edina, MN

- Received AWS Certification upon successful completion of required training
- Working with a Fortune 100 client to perform large-scale data migration as part of the company's goal of achieving data compliance within their privacy program

Mathematics Instructor @ Mathnasium - The Math Learning Center

December 2019 – August 2021 | Edina, MN

- Worked in a team environment with other instructors to help tutor about 20 students per hour
- Assisted elementary and middle school students with a variety of math problems ranging from Elementary Math to Advanced Algebra
- Graded assignments and presented students with constructive feedback and support; helped develop their mathematical understanding and skillset
- Simultaneously worked with 3 or more students; carefully divided my bandwidth to ensure all students felt supported and received adequate attention/help

Research Intern @ Minneapolis Veterans Affairs Medical Center

July 2017 - August 2017 | Minneapolis, MN

- Assisted a graduate student with developing and designing content for a poster presentation, highlighting our research on the effects of saturated fatty acids on immune metabolism in microglia
- Conducted basic lab research and assisted in maintaining proper sterile technique
- Assisted with cell culture and worked with sensitive laboratory equipment

Attendee @ GenCyber Cybersecurity Summer Camp

July 2017 | Inver Grove Heights, MN

- Learned about core NSA cybersecurity principles
- Introduction to the Linux Operating System and Linux Bash

EDUCATION & AWARDS

University of Minnesota

2018 - 2021 | Duluth, MN

Computer Science B.S.

Psychology Minor

SCSE Dean's List

PROJECTS

[The Monitor™](#)

Multipurpose Discord server bot built with Gradle and open-source libraries. Used for running a variety of commands in multiple Discord servers and providing smooth music/video playback. Hosted 24/7 through Heroku with a PostgreSQL database for storing bot data.

[Meme API](#)

Node.js Web API built with Express for fetching memes off Reddit. Each GET request to my API returns a new random meme in JSON format.

[Personal Portfolio](#)

My website. A full-stack progressive web app created using the Next.js React JavaScript framework. Utilizes a MongoDB database for data retrieval.

INTERESTS

Software Engineering, Web Development, Fitness, Reading, Spicy Food