

# 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, PySpark, Spring Boot

### Tools & Technologies

Bash, Git, GitHub, Bitbucket, Gradle, AWS, Google Cloud, Heroku, Railway, Visual Studio Code, IntelliJ IDEA, SQL Server Management Studio, DBeaver, DataGrip, Linux

### Databases

MongoDB, Oracle, PostgreSQL

## RELEVANT EXPERIENCE

### Java Developer @ Boston Scientific

September 2022 – Present | Arden Hills, MN

- Proficient in KMS and PKI platforms such as Thales CipherTrust, PrimeKey EJBCA, and DigiCert One.
- Automated redundant tasks by developing scripts leveraging third-party APIs, boosting efficiency by more than 75%.
- Maintained and enhanced an in-house Java Spring Boot application responsible for certificate revocation.
- Effectively resolved production support tickets, ensuring prompt solutions and seamless project progress.

### Software Engineer @ Comcast

August 2021 – September 2022 | Edina, MN

- AWS Certified.
- Collaborated with cross-functional teams to perform large-scale data migration to ensure internal privacy compliance.
- Effectively worked with global team members in different time zones, participated in daily scrums, and met deadlines effectively.
- Improved scalability by converting SQL Stored Procedures into PySpark code.
- Leveraged Python and MinIO for efficient data processing and storage during migration, streamlining data processing workflows by at least 60%.

### Mathematics Instructor @ Mathnasium - The Math Learning Center

December 2019 – August 2021 | Edina, MN

- Collaborated with a team of instructors to tutor approximately 20 students per hour.
- Assisted elementary and middle school students in various math topics, ranging from Elementary Math to Advanced Algebra.
- Provided feedback and support to students, helping them develop their mathematical skills.
- Managed multiple students concurrently, ensuring each student received equal attention and support.

## EDUCATION & AWARDS

### University of Minnesota

2021 | Duluth, MN

Computer Science B.S.

Psychology Minor

SCSE Dean's List

## PROJECTS

### [The Monitor™](#)

Developed a versatile Discord bot in Java, using Gradle for dependency management. This bot supports various commands, offers smooth music/video playback on multiple servers, and utilizes PostgreSQL for data management. Hosted on Railway for seamless deployment.

### [Meme API](#)

Powered by Next.js API routes, this RESTful service seamlessly retrieves memes from Giphy, Imgur, and Reddit. Deployed on Vercel Serverless Functions.

### [Personal Portfolio](#)

A full-stack, performant progressive web app built using the Next.js JavaScript framework. Designed with UI and UX in mind. Utilizes MongoDB for data retrieval. Deployed on Vercel.

## INTERESTS

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