

S.M. Faiaz Mursalin

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🌐 Springfield, MO, USA

## EDUCATION

**Master of Science in Computer Science, Data Science**

*Missouri State University. GPA: 4.0/4.0*

Expected: Jul 2025  
Springfield, MO, USA.

**Bachelor of Science in Computer Science and Engineering**

*BRAC University. GPA: 3.88/4.0*

Jan 2018 - Dec 2021  
Dhaka, Bangladesh.

## SKILLS

**Languages:** Java, Python, JavaScript, C/C++   **Web Technologies:** HTML5, CSS, RESTful, SOAP

**Frameworks and Libraries:** Spring Boot, Spring MVC, TensorFlow, Hibernate, JDBC, jQuery

**Databases:** MySQL, MongoDB   **Tools:** Tomcat, Maven, Gradle, Apache, IntelliJ IDEA, Visual Studio, Postman, Arduino, LabView, Proteus, Linux   **Version Control:** Git

## WORK EXPERIENCE

**Graduate Teaching Assistant**, *Missouri State University*, Springfield, MO.

Aug 2023 - Present

- Courses Taught: Introduction to Python Programming, Algorithms and Advanced Data Structure.
- Managed grading of exam papers for approximately 120 students, providing lab assistance and reviewing projects.

**Software Engineer**, *BJIT Limited*, Dhaka, Bangladesh.

Apr 2022 - Jul 2023

- Spearheaded the development of the backend admin panel using Spring Boot framework and Zoho Inventory, supported all PocketTalk devices following MVC design pattern to ensure secure management of 30,000 PocketTalk devices and their secured data.
- Integrated seamlessly the admin panel with SourceNext's Back Office systems to ensure collaboration between 3 teams.
- Collaborated on backend development of Akaoni AI Analyzer using Python's Django framework to facilitate backend-to-frontend integration and improve the performance of existing APIs by 30%.

**Undergraduate Teaching Assistant**, *BRAC University*, Dhaka, Bangladesh.

Jan 2021 - Dec 2021

- Courses Taught: Data Structure.
- Assessed exam papers for 60 students in the course and delivered comprehensive lab support.

## PROJECTS

- **Training Management System:** Developed a robust Training Management System using Spring Boot and React hooks, increasing operational efficiency by an estimated 25%. Implemented JWT for secure authentication and utilized MockMvc for comprehensive testing. [Source](#)
- **Student Repository System:** Engineered a comprehensive Student Repository System leveraging Spring Boot and React, improving data accessibility by approximately 30%. Integrated JWT authentication and rigorously tested functionality via MockMvc. [Source](#)
- **ERP (Enterprise Resource Planning):** Developed an ERP system employing Spring Boot and Thymeleaf, streamlining processes and elevating efficiency, approximately 20%. Employed Aspect-Oriented Programming (AOP) and Annotation-based exception handling to ensure seamless operations. [Source](#)
- **Smart and Secure Home:** Engineered a Smart and Secure Home system, interfacing circuits in Proteus and coding functionalities in Arduino IDE. Designed a LabView GUI for real-time data retrieval from Proteus, increasing system monitoring efficiency by approximately 30%. [Source](#)

## ACHIEVEMENTS

- Recognized with the highest distinction award for outstanding performance during bachelor's studies, showcasing dedication and excellence in academia.
- Received a prestigious scholarship in each semester from BRAC University for outstanding academic achievement, totaling 75% scholarship.
- Published two conference papers in IEEE, focusing on Image Processing and Robotics. [Google Scholar](#)
- Attained finalist position in the Bangladesh CanSat Competition organized by BRAC University, showcasing adept skills in Java web based GUI among 250 participants.