

MD. MOSFIKUR RAHMAN

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CAREER OBJECTIVE

Proactive software engineer with a strong Java background, specializing in scalable application development within cross-functional teams. Experienced in Spring Boot, Thymeleaf, and proficient in Python, HTML, CSS, and JavaScript, I am eager to leverage my analytical skills in algorithm design and REST API integration to drive innovation and growth in a forward-looking organization.

EXPERIENCE(S)

1. Software Engineer (July 2023 – Present)

REVE Systems Ltd.

Job Responsibilities:

- Develop and implement scalable Java applications using advanced design patterns.
- Collaborate with cross-functional teams to maintain multi-tier web-based platforms.
- Conduct code reviews to ensure adherence to coding standards and best practices.
- Optimize data structures in Oracle DB for efficient storage and retrieval.
- Research and integrate new tools, libraries, APIs, and frameworks for enhanced software performance.

2. Software Engineer (April 2022 – June 2023)

BJIT Group

Job Responsibilities:

- JavaEE back-end/API implementation using REST, SOAP, Spring, and micro-services.
- JavaEE front-end implementation using common technologies, and modern JavaScript frameworks.
- Building enterprise apps using modern Java web frameworks, and template engines like Thymeleaf.
- Creating fundamental and design papers, such as API specifications, screen specifications, UMLs, etc.

3. Trainee Software Engineer (October 2021 – March 2022)

BJIT Group

Job Responsibilities:

- Acquired foundational knowledge in software engineering through structured training.
- Developed skills in JavaEE, REST, SOAP, Spring, and front-end technologies.
- Assisted in coding, debugging, and testing while learning industry best practices.
- Participated in team meetings and brainstorming sessions to understand project requirements.

PROFESSIONAL SKILL(S)

Category	Skills
Core Skills	OOP, REST API, SOAP, Micro-services, Data Structures, UML, Code Review
Programming Languages	Java, JavaScript, Python
Frameworks	Spring Boot, Spring Batch, Bootstrap, Thymeleaf, React JS
Technical Tools	Git, Postman, IntelliJ IDEA, DataGrip
Database Expertise	Oracle, MySQL, MongoDB, Spiral DB

ACADEMIC QUALIFICATION(S)

Exam Title	Department	Institute	Result	Passing Year
Bachelor of Science (BSc)	Computer Science and Engineering	Daffodil International University	CGPA: 3.83 out of 4.00	2021
Exchange Program	Computer Science and Engineering	Adam Mickiewicz University	Passed with 80% Marks	2021
HSC	Science	Major General Mahmudul Hasan Adarsha College, Tangail	GPA: 4.67 out of 5.00	2016
SSC	Science	Police Lines Adarsha High School, Tangail	GPA: 5.00 out of 5.00	2014

PROJECT(S)

1. Customs Bond Management System, NBR

REVE Systems Ltd.

Responsibilities:

- Held key roles across various modules of the CBMS project for the National Board of Revenue (NBR).
- Acted as the module owner including Legal and Case Information System, Utilization Declaration System.
- Implemented BGMEA and BKMEA Database integration for Utilization Declaration.
- Employed a diverse tech stack comprising Spring Boot, Thymeleaf, and Oracle DB for project execution.

2. Rakuten Echiba Backend Development, Rakuten

BJIT Group.

Responsibilities:

- Solely focused on backend development for the Rakuten Echiba project utilizing Spring Boot framework.
- Managed Oracle database operations to ensure seamless data handling.
- Led the implementation of a custom framework tailored to meet project-specific requirements.

3. Denka Pharmaceuticals Full-stack Development, Denka

BJIT Group.

Responsibilities:

- Engaged in both backend and frontend development for Denka Pharmaceuticals.
- Utilized Spring Boot and Thymeleaf for backend and frontend development, respectively.
- Contributed to frontend enhancements using React JS.
- Managed data storage and retrieval using MySQL database.

4. Mochida Pharmaceuticals Backend Development, Mochida

BJIT Group.

Responsibilities:

- Developed backend functionalities for Mochida Pharmaceuticals using Spring Boot and Spring Batch.
- Implemented a unique database solution named Spiral DB to optimize data management processes.

RESEARCH PUBLICATION(S)

Journal(s):

1. Impact of COVID-19 on Mental Health: A Quantitative Analysis of Anxiety and Depression Based on Regular Life and Internet Use (2021, Elsevier)
2. COVID-19 and Bangladesh: Situation Report, Comparative Analysis, and Case Study (2021, Elsevier)
3. Impactful E-Learning Framework: A New Hybrid Form of Education (2021, Elsevier)

Conference(s):

1. Future City of Bangladesh: IoT Based Autonomous Smart Sewerage and Hazard Condition Sharing System (2020, IEEE)
2. Deep Learning Model for Detecting and Diagnosing Plant Disease (2021, IEEE)
3. TraFoo: An Android Application for Food Delivery in Train (2021, IEEE)
4. Pandemic Effect on Education System among University Students (2021, Springer)
5. Cyber Security Intruder Detection using Deep Learning Approach (2021, Springer)
6. Machine Learning-Based Prediction of COVID-19: A Robust Approach for Early Diagnosis and Treatment. (2023, IEEE)

REFERENCE(S)

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