



MOHAMAD TOFAYEL AHMED

Software Engineer

@ tofayel.dm.de@gmail.com +491782622456 Bremen, Germany
mtahmed21 mdtofayel https://mdtofayel.github.io/

HIGHLIGHTS

Java JavaScript CSS
HTML SQL MySQL
PostgreSQL

KEY SKILLS

Spring Boot IoC
JPA AOP ORM
Test JDBC Integration
Maven Java EE JSP
OOP Java Servlets
Hiberante Microservices
Angular

TOOLS

IDEA Eclipse VScode
STS IntelliJ Postman
JMeter Mockito
Eclipse Figma

SOFT SKILLS

Agile & Scrum Teamwork
Presentation Adaptability
Effective-Communication
Continuous Learning
Attention to Detail
Time Management
Problem-Solving

AREAS OF INTEREST

ML Development
Data Structures
Cybersecurity

LANGUAGES

Deutsch: B1
English: Professional

EDUCATION

Masters in Science in Digital media | University of Bremen

October.2021 - present (Grade average 1.65) Bremen, Germany

Bachelor in Software Engineering | Daffodil International University

May.2013 - July.2017 (Grade average 1.61) Dhaka, Bangladesh

EXPERIENCE

Student Assistant | University of Bremen, CRC 1342

March 2023 - Present Bremen, Germany

- Using cutting-edge methods to simplify functions and cut complexity, PostgreSQL queries were optimized to achieve optimal speed
- Participating in project management and teamwork for Agile development.
- Mastered RESTful APIs PostgreSQL and Git with a strong focus on efficient deployment.
Remark: Reduced module stress loading time by 25%, significantly boosting efficiency

Student Assistant(Java) | BIBA

September 2021 - February 2022 Bremen, Germany

- Maintain frontend design using JSF(JavaServer faces) and optimized Back End code
- Optimized backend code, incorporating Thymeleaf and Spring Security to ensure robust authentication and authorization
- Developed 60% of a visualization module, gaining expertise in JFS, and J2EE

Java Developer | Souq Delta

October 2018 - April 2019 Doha, Qatar

- Developed and streamlined software for multiple websites based on requirements
- Reviewed code and debugged errors to improve performance
- Testing code using JUnit, JMeter, and Deployment of code

Java Developer | Shadowwhite Ltd.

May 2017 - September 2018 Dhaka, Bangladesh

- Writing clean and optimized code using Java and Spring Boot
- Writing design documentation, Create unit test plan
- Functional and non-functional requirements based on the client's requirement

PROJECTS

Master's Project: Lead Developer and short-term Project Manager for 'CSS4Impact-Web Data Scraping' tool

- Developed both desktop and web versions of the application
- Achieved 80% success in data scraping across client-specified news portals.
- Gained hands-on experience with Selenium, BeautifulSoup, Python, Docker, and Scrum methodologies

Project 1: Developed e-commerce project with Angular and Spring Boot

- REST APIs, Stripe API, and MySQL
- Enhanced full-stack development skills- Project hosted on GitHub

Project 2: Developed sophisticated e-commerce platforms with Spring Boot

- Integrated online payments, carts, and responsive design using jQuery and Bootstrap.
- Utilized Hibernate, Spring Security, Spring Data JPA in project development
- Implemented RESTful services, OAuth, and email automation
- Gained expertise in data visualization and payment processing
- Experienced in application testing and deployment on Heroku