



OBAYED BIN MAHFUZ

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Objective

Passionate Java developer with a focus on back-end technologies, aiming to contribute my coding skills to a dynamic development team. Dedicated to crafting efficient and maintainable code that drives the functionality and performance of software applications.

Work Experience

Software Engineer at Ethics Advance Technology Limited (EATL)

Apr 2021-Present

- In my present working stack, I am actively involved in the IEIMS project conducted by BANBEIS. My primary focus is on utilizing Spring Boot to develop robust and efficient backend solutions.
- Alongside, I have gained basic knowledge in designing the front end using React.
- Additionally, I have worked extensively on creating essential project documentation, such as Software Requirements Specifications (SRS) and Software Design Documents (SDD).
- Furthermore, I have utilized Jasper Reports for generating dynamic and professional-looking reports within the project.

Robotic Instructor at Multitech IT

Sep 2019-Apr 2020

- Worked under Bangladesh High Tech Park Robotics Training Project. I conducted classes, prepared exam scripts, and instructed students to develop micro-controller-based projects.

Education

Islamic University of Technology (IUT), Gazipur

2017 - 2024

M.Sc. in Computer Science And Engineering, CGPA: 3.33

BRAC University, Dhaka

2012 - 2016

B.Sc. in Computer Science And Engineering, CGPA: 3.22

Sylhet Cadet College,Sylhet

2010-2011

HSC, Science, GPA : 5.00

Sylhet Cadet College,Sylhet

2008-2009

SSC, Science, GPA : 5.00

Programming Skills

Back End:

- Language: Java
- Framework: Spring Boot
- Core Java: OOP, Collections, MVC, Thread
- Advance Java : Servlet, JSP, JPA, Hibernate
- IDE : IntelliJ IDEA, NetBeans, Jasper Studio
- Database: MySQL, MSsql
- Version Control: Github, Gitlab
- Jasper Report: Design and API Integration

Front End:

- Language: JavaScript, ES6, JSX
- React Js: Components, Hooks, Redux
- IDE: VS Code
- Design: Bootstrap, HTML5, CSS3

Research:

- Machine Learning and Web Scrapping: Python
- Library: Pandas,Transformer, NLTK,Selenium

Projects

Java:

- REST API (Spring Boot)
- Bioinformatics Research Project Algorithm
- Library Robot Software, Calculator
- Android App: PDF Reader, Simple Browser

React:

- REST API

System Analysis & Design:

- BANBEIS IEIMS Project
- E-learning & E-healthcare System

Publications

- BanglaBook: A Large-scale Bangla Dataset for Sentiment Analysis from Book Reviews. (ACL Findings 2023, Toronto, Canada). (M.Sc. Thesis)
- Power Attribute Monitor, Analyze, Control and Protection of a System with Internet of Things. (ICERIE, 2019, SUST)
- Inference of Gene Regulatory Network with S-system and Artificial Bee Colony Algorithm. (ICIEV-ICIVPR, 2018, JAPAN.) (B.Sc. Thesis)

Participations

- RUET IEEE Robo-Droid Mobile App Contest, 2016
- RUET IEEE Robotics Competition, 2015
- Dhaka University IT Fest Mobile App Contest, 2014
- Book Reading Competition by British Council, 2012
- Wall Magazine Competition, 2012
- BRACU-Prothom Alo Career Fair (Volunteer)

Communication Skill

Bangla : Native, **English :** Fluent (speaking, reading, writing)

Interests

Cosmology, Astronomy, History, Religion.

References

Dr. Kamrul Hasan

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