

# Md. Ahsan Ullah Emon

## Software Developer

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📍 Manfuhah, Riyadh, Saudi Arabia

📅 23/12/1997

🇬🇧 Bangladeshi

🌐 [linkedin.com/in/ahsan-ullah-emon](https://www.linkedin.com/in/ahsan-ullah-emon)

## PROFILE

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As a software developer specialized in Spring Boot and full-stack development, I bring hands-on experience in designing, and developing complex web applications across a range of technologies. I enjoy solving complex challenges with creative, efficient solutions, ensuring high coding standards and maintainability. My experience includes collaborating with both public and private company. Working in teams has enabled me to develop strong skills in collaboration and communication. Utilizing agile methodologies, I have adopted a flexible and iterative approach in my projects.

With proficiency in technologies like Spring Boot, I have been able to create optimal user experiences and innovative solutions that cater to specific client needs. I am recognized for my ability to conduct meticulous business needs analysis, and design detailed technical solutions. On the backend, I leverage Spring Data JPA for seamless database management, with experience in Oracle, MySQL, Docker and PostgreSQL. I support efficient code collaboration and deployment using GitHub and Gitea, and handle API testing and management with Postman. These skills make me a valuable asset to any web development project.

## PROFESSIONAL EXPERIENCE

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### SOFTWARE DEVELOPER

*Biometrics.BD Limited*

07/2022 - 06/24

Dhaka, Bangladesh

- Developed and optimized enterprise-level applications, focusing on several key areas.
- Leveraged the Spring Boot framework, specializing in Spring MVC, Spring Data JPA, Spring Data JDBC, and Spring Security to build robust, secure back-end solutions.
- Managed MVC Portlets within the Liferay framework using Java, handling Oracle databases, Docker containers, and JSP pages for seamless integration and deployment of business modules.
- Collaborated with team members to troubleshoot issues, provide resolutions, and implement best practices for enhanced system performance.
- Played a crucial role in code reviews to ensure adherence to established programming standards and improve code quality.
- Contributed to product enhancement by updating legacy code to modern standards, improving functionality and system efficiency.
- Conducted rigorous testing for functional compliance and documented solutions for inclusion in the support knowledge base.
- Worked in a technical environment combining Java Spring Boot and Liferay to ensure
- high performance, maintainability, and scalability across applications.

### INTERNSHIP – TEACHING ASSISTANT

*Dept. of Computer Science & Engineering at AIUB*

02/2021 - 05/2021

Dhaka, Bangladesh

- Assisting students includes helping in class lessons, grading quizzes and assignments, and maintaining communication between faculty and students.

EDUCATION

Bachelor of Science in Computer Science & Engineering American International University-Bangladesh (CGPA: 3.95 out of 4)	01/2018 - 10/2021 Dhaka, Bangladesh
Higher Secondary School Certificate Notre Dame College (GPA: 5 out of 5)	01/2015 - 05/2017 Dhaka, Bangladesh

PERSONAL & ACADEMIC PROJECTS

Scarp Management System	07/2024 – 10/2024
<ul style="list-style-type: none"><li>Technologies used: Spring Boot, Spring Security, MySQL, Thymeleaf, JavaScript.</li><li>GitHub: <a href="https://github.com/ahsan-emon/scrap">https://github.com/ahsan-emon/scrap</a></li><li>Website Link: <a href="https://scrap-production-7ca8.up.railway.app/">https://scrap-production-7ca8.up.railway.app/</a></li></ul>	
Blood Management System	2020
<ul style="list-style-type: none"><li>Technologies used: Core Java Windows Form</li><li>GitHub: <a href="https://github.com/ahsan-emon/Blood-Management-System">https://github.com/ahsan-emon/Blood-Management-System</a></li></ul>	
Courier Management System	2020
<ul style="list-style-type: none"><li>Technologies used: Windows form in C#</li><li>GitHub: <a href="https://github.com/ahsan-emon/CourierManagementSystem">https://github.com/ahsan-emon/CourierManagementSystem</a></li></ul>	
Tic-tac-toe Game	2020
<ul style="list-style-type: none"><li>Technologies used: C++</li><li>GitHub: <a href="https://github.com/ahsan-emon/Tic-tac-toe">https://github.com/ahsan-emon/Tic-tac-toe</a></li></ul>	
Courier Management System	2020
<ul style="list-style-type: none"><li>Technologies used: HTML, CSS, Bootstrap, JavaScript, PHP</li><li>GitHub: <a href="https://github.com/ahsan-emon/Courier-Management-System-Webtech">https://github.com/ahsan-emon/Courier-Management-System-Webtech</a></li></ul>	
Courier Management System	2020
<ul style="list-style-type: none"><li>Technologies used: Entity Frame work (DB first Approach)</li><li>GitHub: <a href="https://github.com/nursm86/Courier-Management-System">https://github.com/nursm86/Courier-Management-System</a></li></ul>	

LANGUAGES

Bangla	●●●●●	English	●●●●●
Hindi	●●●●●	Arabic	●●●●●

SKILLS

JAVA	<div></div>	PHP/ Laravel	<div></div>
Spring Boot	<div></div>	C#/ ASP.NET	<div></div>
Liferay	<div></div>	Postman	<div></div>
JSP/Thymeleaf	<div></div>	PostgreSQL	<div></div>
React	<div></div>	Oracle/MySQL	<div></div>
JavaScript	<div></div>	GitHub/Gitea	<div></div>
Bootstrap	<div></div>	Docker	<div></div>

## PUBLICATION

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A Framework for Tracing the Real Identity of a Bitcoin Scammer

Publisher: IEEE, Publication URL: <https://ieeexplore.ieee.org/document/9768636>

Published in: 2021 International Conference on Computer, Communication, Chemical, Materials and Electronic Engineering (IC4ME2)

## ACCOMPLISHMENTS

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- SUMMA CUM LAUDE AWARD (2021)  
*Graduation with CGPA 3.95 (out of 4).*
- DEAN'S LIST HONORS (2018 - 2019)  
*GPA of 4 (out of 4) in Fall semester.*
- DEAN'S LIST HONORS (2018 - 2019)  
*GPA of 4 (out of 4) in Spring semester.*

## TECHNICAL/IT SKILLS

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- Software Design
- Software Testing
- Software Analysis
- Problem Solving
- Microsoft Word/Excel/Power Point
- Highly organized
- Hardworking & Fast learning
- Active listening and persuasion
- Adaptive and stress managing
- Proficient in utilizing AI tools

## REFERENCE

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- Minhaj Ahmed  
*Project Manager, Biometrics.BD Limited*  
minhaj@biometrics-bd.com, +8801701485894
- Victor Stany Rozario  
*Assistant Professor, CS, AIUB*  
stany@aiub.edu, +8801676517671
- Dr. Md. Sakir Hossain  
*Assistant Professor, CS, AIUB*  
sakir.hossain@aiub.edu, +8801748070828