

## Ahmed Albreem

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**Address:** Gazipur - Board Bazar, IUT, 1701, gazipur, Bangladesh (Work)

### ABOUT ME

A C/C++ and Android Engineer skilled in Java by (MIT Coding From 2016), Python, MySQL, and AI, currently expanding knowledge alongside university coursework. Eager to secure a role in the job market as a junior professional to enhance my skills, gain deeper expertise in my domain, and apply the problem-solving approaches developed during my academic journey.

### LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

### EDUCATION AND TRAINING

01/01/2010 – 01/01/2019 gaza, Autonomous Palestinian Territories

**PRIMARY AND SECONDARY SCHOOL** Maan secondary Boys School

**Level in EQF** EQF level 3

01/01/2018 – 01/01/2021 gaza, Autonomous Palestinian Territories

**HIGH SCHOOL DIPLOMA** motanabi high school

**Level in EQF** EQF level 4

15/07/2022 – CURRENT board bazar, Bangladesh

**COMPUTER SCIENCE AND ENGINEERING** Islamic University of Technology

**Skills:** Creative Problem Solving · Android Development · Google Docs · Linear Algebra · Physics · Presentation Design · Database Management System (DBMS) · Software Development · Android SDK · Cascading Style Sheets (CSS) · C (Programming Language) · Analytical Skills · Python (Programming Language) · Public Speaking · Communication · Problem Solving · Android Testing · Back-End Web Development · AutoCAD · Android Studio · SQL · Leadership · AI Prompting · JSON · Prompt Engineering · Project Management · E-Commerce · Android Support · Computer Engineering · HTML · Code::Blocks · Google Calendar · Digital Electronics · JavaFX · C++ · Front-End Development · Android · Java · Technical Leadership · Time Management · Presentation Skills · Computer Science

**Academic Catalogue Bachelor of Science in Computer Science and Engineering :**

Website <https://cse.iutoic-dhaka.edu/> |

Field of study Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction |

Final grade not yet | Level in EQF EQF level 6 | National classification Level 6 (Bangladesh National Qualifications Framework). |

Type of credits Credit Hours | Number of credits 181.75 | Thesis not yet

Links <https://cse.iutoic-dhaka.edu/> | <https://cse.iutoic-dhaka.edu/academics-1/academic-catalogue>

WORK EXPERIENCE

01/01/2024 – CURRENT board bazar, Bangladesh  
SPECIALIST LECTURER IN COMPUTER SCIENCE INTERNATIONAL STUDENT COMMUNITY AT (ISLAMIC UNIVERSITY OF TECHNOLOGY)






I taught students at the international level as a volunteer in the International Student Community, providing private education and academic support in mathematics, including calculus, as well as courses in computer engineering and sciences.

Business or Sector Education | Department lut\_isc | Email [isc.iut@gmail.com](mailto:isc.iut@gmail.com) |

Website <https://www.facebook.com/profile.php?id=100095673931230>

DIGITAL SKILLS

Digital Skills - Test Results

 Information and data literacy	INTERMEDIATE	Level 4 / 6
 Communication and collaboration	INTERMEDIATE	Level 3 / 6
 Digital content creation	ADVANCED	Level 5 / 6
 Safety	INTERMEDIATE	Level 3 / 6
 Problem solving	INTERMEDIATE	Level 4 / 6

Results from [self-assessment](#) based on [The Digital Competence Framework 2.1](#)

My Digital Skills

CSS | Microsoft Excel | MongoDB | MySQL | Bootstrap | Linux | Java | PHP | HTML | JavaScript | Google Ads | C++ | C | ai prompt engineer | Mastery of the online tool Canva | Database Management Systems | JavaFX | Google Calendar | Microsoft Office 365 | Python | SQL | JSON | Web Technologies Fundamentals - HTML, CSS | Android & Windows Expert | Project Development & Project Managment | Google Firebase, Oracle Cloud Infrastructure | Linux Ubuntu | Penetration Test (Kali tools) | WEB: Web Designer, Web Developer | Desktop application testing | Cmd | Data Cleaning and Analysis, Machine Learning algorithms, Time Series Analysis, Cross Validation | Figma | WordPress | Windows (Windows XP, Windows 7, Windows 10) | Google Blogger | Microsoft: Microsoft Word, Microsoft PowerPoint, Microsoft Outlook, Microsoft MovieMaker | Microsoft Clipchamp | visual studio, visual Basic | Deployment environment: Visual Studio, CodeBlocks, Eclipse, IntelliJ, Atom, Visual Studio Code | Git & Githubs | Project Management Tools (Notion, Trello) | Google (Google Docs, Google Colaboratory, Google Sheets) | programming: Python, MATLAB and SQL | Parse and RESTful backend APIs integration, JSON parsing | TKinter (GUI) | Face Recognition | Databases (sqlite and postgres)

PROJECTS

01/09/2024 – CURRENT  
Airport Mangment System (desktop app)

Project: Airport Management System

The project aims to develop a comprehensive management system for efficiently classifying products and implementing limitations, ultimately improving the user experience and enhancing product management. The system focuses on improving quality and ensuring security within the private domain of the company, operating on a local server with a MySQL database. All data remains within the system, and user access is restricted based on defined limitations.

Tools Used:

MySQL for database management

JavaFX for the user interface

AI-based fingerprint recognition for enhanced security

Full system architecture and engineering designed to optimize both human and system interactions

**Link** <https://github.com/210041258/Airline-system-management-/tree/presentation>

01/09/2024 – CURRENT

## **Book Shop Full Project (bulit for private domain scope)(ecomece system application)**

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Project Name: E-commerce System Application (website and android application)

Project Goals:

To enhance the e-commerce user interface and update the entire system, ensuring seamless interaction between the Android app and other integrated systems. The goal is to implement key features like notifications and other commonly used functionalities to improve the overall user experience.

The admin gateway is designed with a strong security approach: if an unauthorized attempt is made more than three times, access is restricted. Measures are implemented to prevent hacking attempts, including changing IP, location, or device, by tightly controlling user access within the system. This quality is rooted in deep programming concepts such as binary operations (using C), file structure management, and robust error handling in Java. I have implemented a 7-layer security system to ensure the integrity and safety of the web application. The system is connected to Firebase, but access is limited based on a design similar to MySQL database structure learned earlier.

The application features an admin panel for complete management and secure access to the system. Security measures include dynamically generated anti-pattern codes to prevent repeated or predictable 4-digit patterns. This is coupled with a location-based KMS blocking area to detect device changes and prevent unauthorized access. With knowledge of user activity and device configurations, the system adapts and enhances security.

For users, the app provides a straightforward and efficient interface, ensuring a smooth user experience while maintaining strict privacy within the secure domain of the IUT University network.

**Link** <https://github.com/210041258/E-commerce-system-application->

01/08/2023 – 01/11/2023

## **Java airport mangamnet system (android app)**

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the project include the firsbase and java and some apis which works in andorid system

**Link** [https://github.com/AHMEDALBREEM/Java\\_airport\\_mangmnet\\_system\\_System\\_analysis](https://github.com/AHMEDALBREEM/Java_airport_mangmnet_system_System_analysis)

01/08/2023 – 01/11/2023

## **to do list (JAVA and local db (mysql) ) (productivity program for desktop)**

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Designed a desktop application using Java, MySQL, and the JavaFX library. The application is a to-do list system tailored for tracking personal goals and achievements. It operates on a localhost server within the company to ensure privacy and restrict access to out-of-domain users. This setup provides a secure and efficient tool for managing individual and team objectives while safeguarding sensitive data.

**Link** [https://github.com/AHMEDALBREEM/project\\_java\\_mysql\\_uni\\_3](https://github.com/AHMEDALBREEM/project_java_mysql_uni_3)

01/02/2022 – 01/05/2022

## **project management system of the airport (oop of c with file system) (wh/bk console (desktop) less interruption and errors)**

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Collaboratively developed an Airport Project Management System using data structures implemented with C++ libraries and Object-Oriented Programming (OOP) principles in C syntax. This project provided insights into designing complex code structures and optimizing them for better performance. By defining specific characteristics for each

object, the system decomposed user roles to ensure security and efficiency, incorporating clear limitations to streamline processes for different users.

Link [https://github.com/AHMEDALBREEM/project\\_datastructure\\_cpp\\_uni\\_2](https://github.com/AHMEDALBREEM/project_datastructure_cpp_uni_2)

01/08/2021 – 19/12/2021

## **airline first project (pure c with file system) (wh/bk console (desktop) less interruption and errors)**

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Developed my first-year Airline Management Project under significant pressure and as part of a team. Despite limited understanding at the time, this project marked my initial exposure to computer systems and showcased my grasp of basic system operations. Built using C, it highlighted the complexity of file handling and execution processes, reflecting my early journey in mastering fundamental programming concepts.

Link [https://github.com/AHMEDALBREEM/project\\_c\\_uni\\_1](https://github.com/AHMEDALBREEM/project_c_uni_1)

## ● **ORGANISATIONAL SKILLS**

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### **The Application Startup Presentation**

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Delivering a presentation at the *ISC in the University Welfare '24*. The session appears to be focused on *The Application Startup Presentation*, likely showcasing a new project, idea, or app development to an audience.

## ● **VOLUNTEERING**

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01/01/2024 – 01/05/2024 International Student Community at (Islamic University of Technology)

### **ISC STUDENT SUPPORT Android Application**

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I utilized my skills to create an application for international students at IUT, my university. Over the past five months, I volunteered to design and work hard on this project.

It was creation of the java database relation with firebase and Json structure to view the exams and notes by URLs of the global storage of the GitHub

## ● **DRIVING LICENCE**

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**Driving Licence:** AM

**Driving Licence:** A1

**Driving Licence:** A2

**Driving Licence:** A

**Driving Licence:** B1

**Driving Licence:** B

## ● **HOBBIES AND INTERESTS**

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### **Football Player**

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It was the last photo taken before the pre-final match. I participated in the final, which we played with great effort but unfortunately lost. It was an excellent game, and we worked and trained together as a team. This experience taught us valuable lessons about organization, structure, and the true meaning of unity and brotherhood within the Palestinian community, both inside and outside the university.

Follow our Instagram account for more photos and insights into our lifestyle!

### **Documentation and Design Presentation and Social Media Posts with canva and creating and editing videos using Microsoft Clipchamp**

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I have been working with Canva since my first year of university, creating presentations and documenting each project I completed before the semester ended. Over time, my hobby of designing and documenting evolved into a passion, driving me to acquire more skills and seize better opportunities for success.

My journey with design began in high school, where I used the Pixellab app on my phone for graphic design. Later, I transitioned to Canva, an online tool, to further enhance my skills and forge a new path forward. I strongly believe that if you think you're on the "right" path, you may already be limiting yourself. That's why I always strive to create multiple paths for growth, both personally and professionally.

From the beginning, I've also prioritized enhancing my security and privacy. This mindset inspired me to create and explore multi-dimensional paths, ensuring I can overcome challenges no matter the effort required. These paths represent my commitment to constant improvement and resilience, unlocking new possibilities at every step.

In addition to Canva, I also explored Clipchamp by Microsoft, a video editing tool. Although no videos are available due to the limitations of free cloud storage, I found Clipchamp to be an excellent resource. I am eager to learn more about it to gain basic knowledge as a learner while continuing to pursue growth along my other paths.

certificates:

[Coursera | دورات تدريبية على الإنترنت وشهادات مقدمة من كبار المعلمين. اشترك مجانًا | Coursera](#)

[Coursera | دورات تدريبية على الإنترنت وشهادات مقدمة من كبار المعلمين. اشترك مجانًا | Coursera](#)

Feel free to explore some of my work through the provided links.

**Links** [https://www.canva.com/design/DAGTVt0578E/Wenx9tAMNyGMITwBFxHaEw/edit?](https://www.canva.com/design/DAGTVt0578E/Wenx9tAMNyGMITwBFxHaEw/edit?utm_content=DAGTVt0578E&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

[utm\\_content=DAGTVt0578E&utm\\_campaign=designshare&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAF9tAm91kU/FOvT0FKDX3x6NnqFzCzTEg/edit?utm_content=DAF9tAm91kU&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton) | [https://www.canva.com/design/DAF9tAm91kU/FOvT0FKDX3x6NnqFzCzTEg/edit?](https://www.canva.com/design/DAF9tAm91kU/FOvT0FKDX3x6NnqFzCzTEg/edit?utm_content=DAF9tAm91kU&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

[utm\\_content=DAF9tAm91kU&utm\\_campaign=designshare&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAGJjV6KbF0/Cjr_flghtA1w3JvtKjwQzA/edit?utm_content=DAGJjV6KbF0&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton) | [https://www.canva.com/design/DAGJjV6KbF0/Cjr\\_flghtA1w3JvtKjwQzA/edit?](https://www.canva.com/design/DAGJjV6KbF0/Cjr_flghtA1w3JvtKjwQzA/edit?utm_content=DAGJjV6KbF0&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

[utm\\_content=DAGJjV6KbF0&utm\\_campaign=designshare&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAGZpEsrfW8/lgdMWf0lwO4ltDxSAuACbg/edit?utm_content=DAGZpEsrfW8&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton) | [https://www.canva.com/design/DAGZpEsrfW8/lgdMWf0lwO4ltDxSAuACbg/edit?](https://www.canva.com/design/DAGZpEsrfW8/lgdMWf0lwO4ltDxSAuACbg/edit?utm_content=DAGZpEsrfW8&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

[utm\\_content=DAGZpEsrfW8&utm\\_campaign=designshare&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAGZpEsrfW8/lgdMWf0lwO4ltDxSAuACbg/edit?utm_content=DAGZpEsrfW8&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

## mathematics and physics teacher

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*I get to solve many math equations and tackle real-world physics problems. I have completed courses in MATLAB to document some of my experiences.*

**Link** <https://matlabacademy.mathworks.com/progress/share/certificate.html?id=8d554e43-5198-47f5-aa88-5056dd715e3c&>

## (95%) IQ model of the Famous Employment Arabic company

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have a look in the profile :

<https://people.bayt.com/albreem/>

**Link** <https://people.bayt.com/albreem/>