MD. ABDUS SALAM

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Thana road, Thana para, Sirajganj Sadar-6700, Sirajganj

CAREER OBJECTIVE

Motivated and detail-oriented Database Administrator with a strong foundation in database systems, currently pursuing a Bachelor of Science in Computer Science and Engineering with a CGPA of 3.97. Eager to leverage academic knowledge and hands-on experience in Oracle, MySQL, and MS SQL to contribute to database management, optimization, and security in a challenging professional environment.

TECHNICAL SKILLS

• Languages and Databases: C, C++, JAVA, PYTHON, SQL, PL/SQL, Oracle, MySQL, MS SQL Server

• Tools: SQL Developer, SQL PLUS, phpMyAdmin, MySQL Workbench

• Web: HTML, CSS, JavaScript, PHP

• Other Skills: Git and GitHub, Advanced Microsoft Excel, Google Sheets, Logical Thinking, Problem Solving

• OS: Windows, Linux (basic)

• Computer Networks: IP Addressing and Subnetting (basic)

EXPERIENCE/PROJECTS

• **ONLINE-EBMS: Online Electricity Bill Management System (OEBMS)**　　　　　*April 2025*
Languages and Tools: PHP, JavaScript, HTML, CSS, XAMPP, phpMyAdmin, MySQL Workbench　　[○]

◦ Developed a full-stack web application to replace manual billing processes with a digital solution tailored for various user categories, including industrial, domestic, and governmental sectors.

◦ Implemented image-based meter reading with verification to enhance billing accuracy, along with a secure registration and authentication flow.

◦ Created dynamic user dashboards for real-time access to current and historical billing data, PDF downloads, and online payment integration.

◦ Applied multi-language support (English and Bengali) to improve accessibility, enhancing user experience for a wider demographic.

• **Smart Delivery Robot v1.0: An Arduino-based Autonomous Restaurant Robot**　　　　*May 2025*
Languages and Tools: C/C++, Arduino IDE.　　[○]

◦ Autonomy and Navigation: Developed a line-following robot with obstacle avoidance using IR and ultrasonic sensors.

◦ Smart Delivery Logic: Implemented keypad-based table selection and auto return-to-origin functionality.

◦ User Interface: Created real-time LCD and RGB LED feedback system.

◦ Embedded Programming: Applied C/C++ to control motors, sensors, and delivery timing.

◦ Scalability: Ensured modular, well-documented design for future enhancements (e.g., GPS, camera).

• **AI Development Bootcamp: Practical implementations of AI concepts and real-world Applications**　*March 2025*
Languages and Tools: Python, NumPy, Pandas, scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn, Jupyter Notebook　[○]

◦ Developed a diverse set of AI projects, including a basic calculator, chatbot, handwritten digit recognizer, image classifiers, movie recommendation system, neural network models, house price predictor, diabetes predictor, sentiment analyzer, spam email detector, stock price predictor, and weather forecasting tool.

◦ Implemented machine learning algorithms to address various real-world challenges, enhancing predictive accuracy and user engagement.

◦ Created modular and reusable code structures, facilitating scalability and ease of integration for future AI applications.

◦ Applied data preprocessing techniques and model evaluation metrics to ensure robustness and reliability across different datasets.

EDUCATION

- **Khwaja Yunus Ali University**
  B.Sc in Computer Science and Engineering
  ◦ CGPA: 3.97/4.00 (up to last semester)
  Expected Graduation - June 2026
  Enayetpur, Sirajganj

- **Natinal Ideal College**
  HSC
  Group: Science
  ◦ GPA: 4.17/5.00
  2019
  Khilgaon, Dhaka

- **Ashraf Zindani High School, Somaj**
  SSC
  Group: Science
  ◦ GPA: 5.00/5.00
  2015
  Chatmohar, Pabna

LEADERSHIP EXPERIENCE

- **General Secretary**
  Khwaja Yunus Ali University Social and Cultural Club
  Nov 2022 - Feb 2025
  [🌐]
  ◦ Led the planning and execution of multiple university-wide cultural and social events, increasing student engagement by over 60
  ◦ Managed a team of 25+ members, fostering collaboration, accountability, and creativity in event planning and execution.
  ◦ Initiated the "KYAU Festive Week," a flagship event that attracted participation from over 500 students, significantly boosting campus morale and interdepartmental unity.
  ◦ Improved club operations by implementing social activity.

CERTIFICATIONS

- ◦ **SQL Advanced**
  Organization: HackerRank.com
  14 Nov, 2024
- ◦ **SQL Intermediate**
  Organization: HackerRank.com
  07 Nov, 2024
- ◦ **SQL Bootcamp 2024**
  Organization: Udemy
  27 Oct, 2024
- ◦ **MySQL**
  Organization: Udemy
  02 Nov, 2024
- ◦ **Microsoft Excel**
  Organization: Udemy
  12 Oct, 2024
- ◦ **Git and GitHub Bootcamp**
  Organization: Udemy
  07 Feb, 2025
- ◦ **IP Addressing and Subnetting**
  Organization: Udemy
  12 April, 2025
- ◦ **Problem Solving (Basic)**
  Organization: HackerRank.com
  15 July, 2025
- ◦ **Python (Basic)**
  Organization: HackerRank.com
  15 July, 2025
- ◦ **Java (Basic)**
  Organization: HackerRank.com
  22 July, 2025

ADDITIONAL INFORMATION

Languages: Bengali (Mother Tongue), English (Fluent)

Interests: Watching Tech Documentaries, Reading Books, Problem Solving on HackerRank, Open Source Contribution (GitHub Projects), Learning New Tools, Singing (Love songs, Soft Rock, Bengali Classics)

REFERENCES

1. **Md. Tarequl Islam**
   Assistant Professor and Head, Department of Computer Science and Engineering
   Khwaja Yunus Ali University
   Email: tareq.cse@kyau.edu.bd
   Phone: +8801712523577
   Relationship: Head of CSE Department