

Wasi Ul Islam Tasin

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SUMMARY

Detail-oriented and technically proficient professional with extensive experience in managing and optimizing IT operations. Skilled in ensuring system reliability, enhancing performance, and maintaining robust infrastructure solutions. Adept at implementing secure and efficient processes to safeguard organizational assets while maintaining operational continuity. Known for leveraging analytical and problem-solving skills to improve system efficiency and achieve business objectives. Proven ability to oversee end-to-end technical processes, ensuring seamless functionality in dynamic environments.

TECHNICAL SKILLS

Languages & Frameworks: Python, C#, ASP.NET Core/MVC, Entity Framework
Databases: MS SQL, MySQL
API Development: RESTful API design and integration.
Tools & IDE: MS Office, VS Code, Anaconda 3, PyCharm
System Integration: HRIS and Server integration including payroll Systems.
Data Science & Reporting: Statistical analysis, Model development, and Reporting tools (Crystal Reports, MS Project).

EXPERIENCE

Sr. Implementation Engineer <i>Global MediKlaud (BD) Ltd</i>	Nov 2024 – Present <i>Dhaka, Bangladesh</i>
<ul style="list-style-type: none">Collaborated with cross-functional teams to deploy and configure Hospital ERP Systems tailored to client requirements.Conducted requirements gathering and gap analysis to align ERP functionality with hospital workflows.Provided technical support during implementation phases, ensuring seamless system integration with hospital operations.Maintained continuous communication with clients to provide updates and gather feedback during project execution.	
Implementation Engineer <i>hSenid Business Solutions PLC</i>	Apr 2023 - Nov 2024 <i>Dhaka, Bangladesh</i>
<ul style="list-style-type: none">Led the delivery of three flagship projects and contributed to ten additional initiatives for "PeoplesHR."Developed 80+ reports with Crystal Reports, enhancing HRIS efficiency for clients like Evercare Bangladesh, Finlays Tea, and Genex Infosys.Engineered a conditional alert system and automation processes in MS SQL and Job Scheduler for five HRIS clients.Implemented customized processes for seamless integration within the HRIS ecosystem.	
Associate Technical Operations (Data) <i>ShopUp</i>	Feb 2021 - Apr 2023 <i>Dhaka, Bangladesh</i>
<ul style="list-style-type: none">Monitor and Maintain Data Systems: Ensure the stability, performance, and integrity of data systems by proactively monitoring and troubleshooting issues, optimizing system performance, and ensuring data availability.Data Integration and Processing: Assist in the integration of data across multiple systems, ensuring smooth data flow, accurate processing, and seamless updates to internal databases and platforms.Support Backup and Recovery Solutions: Collaborate with senior team members to implement and maintain data backup, recovery, and disaster recovery solutions to safeguard critical data and minimize downtime.Documentation and Reporting: Maintain comprehensive documentation of data processes, systems configurations, and troubleshooting steps, and generate regular performance and operational reports for senior management.	

EDUCATION

American International University-Bangladesh

MSc, Computer Science & Engineering, Major in Data Science

2021 - 2023

American International University-Bangladesh

BSc, Computer Science & Engineering

2017 - 2021

CERTIFICATIONS

1. Data Management and Analysis in Data Science
2. Data Operations and Big Data
3. Data Operations and Management
4. Programming Foundations: Software Testing/QA
5. Project Management Foundations: Small Projects

PROJECTS & THESIS

1. Fraud Detection

- **Description:** Use transaction data to detect fraudulent activities by analyzing patterns and identifying anomalies.
- **Tools:** Python (Scikit-learn, Isolation Forest), Python.

2. Movie Recommendation System

- **Description:** Build a recommendation system that suggests movies based on users' past behavior or preferences using collaborative filtering or content-based methods.
- **Tools:** Recommendation Algorithms, Collaborative Filtering.

3. Data Mining Techniques for Fraud Detection in Financial Transactions

September, 2020

American International University Bangladesh

- Developed ML models using classification and clustering to detect fraudulent transactions in large financial datasets.
- Applied feature engineering, data preprocessing, and evaluated models using accuracy, precision, and recall.
- Addressed data imbalance using SMOTE for improved model performance.
- **Technologies Used:** Python, Scikit-learn, Pandas, NumPy

4. Enhancing Image Classification Using Convolutional Neural Networks (CNNs)

March, 2023

American International University Bangladesh

- Applied Convolutional Neural Networks (CNNs) to improve image classification accuracy on a custom image dataset.
- Experimented with various architectures (VGG16, ResNet) and techniques like data augmentation and transfer learning.
- Achieved significant performance improvement using dropout, batch normalization, and fine-tuning pre-trained models.
- **Technologies Used:** Python, TensorFlow, Keras, OpenCV, NumPy

REFERENCES

Irfan Mohammed Abir

Head of Business Operations, ShopUp

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Omar Faruk

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