



MD. JULFIKAR ISLAM

Assistant Computer Programmer

📍 Computer Center (L-3), RUET, Rajshahi.

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Summary

IT professional with broad base of experience in technical support, operations and management. Resolves problems quickly, delivering high levels of business support and customer satisfaction, driving overall operational improvements. Excellent knowledge of data analytics with application development. Motivated to learn, grow, sharing knowledge and excel in IT domain. Consistently saved costs while increasing profits.

Skills

- Database: Oracle 12c, Microsoft SQL Server 2017, MySQL, Mongo DB
- Big Data tools: Hadoop, Hive, Apache Spark, Kafka
- Business Intelligence (BI) tool: Oracle OBI 12c
- Data warehouse tool: Oracle Data Integrator 12c
- Monitoring Platform: Oracle Enterprise Manager (OEM)-13c
- Programming language: Java, C#, Python
- Operating system: Android, Linux
- Web development: HTML5, CSS, JavaScript, JQuery, Bootstrap 5.0, Node JS
- Server-side language: ASP.NET-3.5
- MVC Frameworks: Spring Boot, Laravel 8
- Cloud Technology: Amazon Web Service
- Embedded system design: Microcontroller Programming (ATmega32A)
- Version Control System: Git
- Technical writing software: LaTeX
- Agile Methodology: Scrum

Interest

- Data Analytics
- Big Data
- Application Design & Operation
- Machine Learning
- Artificial Intelligence
- Algorithm Design

Work experience

06-2021 -
Current

Assistant Computer Programmer

Rajshahi University of Engineering & Technology (RUET)

Core Responsibilities:

- Web design and development with **Laravel 8, MySQL, JQuery, Ajax**.
- Integration and testing third party payment gateway system in development.
- Using **Google Search Console** to rebuild indexes in Google, enhance SEO for the website, check and update regarding any critical information security issues/notifications of website.
- Technical operations and maintenance in cpanel.
- Mail migration from cpanel (round cube) to **GSuit**.

09-2020 -
06-2021

Executive Officer (Associate Manager), Data Management, IT

The City Bank Limited

Core Responsibilities:

- Software (Oracle 12c, MSSQL-2019, Oracle Business Intelligence 12c, Oracle Data Integrator etc.) installation, administration and maintenance.
- Database Backup and Recovery.
- OBI (Oracle Business Intelligence) 12c migration from DR (Disaster Recovery) to DC (Data Center) with proper technical steps.
- ODI (Oracle Data Integrator) 12c migration which is a data warehouse maintenance and operational tool from DR to DC.
- Specialized Data Handling/Replication using Python, Oracle Golden Gates.
- Capacity planning of databases for various applications.
- Monitoring configuration in OEM Cloud Control -13c for all databases and middleware.
- Performance monitoring of ETL (Extraction, Transform and Load) processes.
- Database Tuning in DWH and BI queries.
- Troubleshooting the database where degradation is found.
- Configure OEM (Oracle Enterprise Manager) 12c for the critical alerts, notifications, security issues of enterprise oracle databases, golden gate applications for real time replication of non-oracle to oracle database.

05-2016 -
08-2020

Specialist, Application Planning & Management, IT

Robi Axiata Limited

Core Responsibilities:

- Data analytics with Oracle Exadata (SQL, PL/SQL) and MSSQL database for S&D systems.
- Making available and assuring quality of sales and other relevant data source for Data Warehouse and Business Intelligence team using dblink and DB administration technique.
- Build and deploy automation scripts to check, monitor and notify the system status and performance.
- Parsing various application logs using Linux commands for troubleshooting and bug fixing of the system as well as process improvements in integration nodes.
- Backend application development with C# and Python for operational purposes in S&D domain.
- Check the SOAP and REST apis of external nodes (SAP ERP, BTRC, CRM, UPS, CBS, EasyLoad etc.) to integrate in S&D domain.
- Monitoring and improvements in Business Logic Layer (BLL) and Native Layer Logic (NLL).

Education

05-2017 -
Current

Master of Science: Institute of Information & Communication Technology

Bangladesh University of Engineering & Technology (BUET)

Key Courses: Data Warehousing and Mining, Advanced Artificial Intelligence, Advanced Networking, Advanced Embedded System, Distributed System, Statistical Machine Translation.

02-2012 -
04-2016

Bachelor of Science: Computer Science and Engineering | CGPA 3.66 (Out of 4.00)

Khulna University of Engineering & Technology (KUET)

Key Courses: Computer Basics and Programming, Discrete Mathematics, OOP, Data Structure, Digital Logic Design, Algorithm Analysis and Design, Computer Architecture, Numerical Methods, Microprocessor, Theory of Computation, Software Engineering, Database, Compiler, OS, Mathematical Analysis, Artificial Intelligence, Modeling & Simulation, Fault Tolerant System, Digital System Design, Computer Networks, Machine Learning, Data Mining, Computer Graphics.

Certifications

- Oracle 12c Database: Administration | LinkedIn LEARNING
- Agile Software Development: Scrum for Developers | LinkedIn LEARNING
- AWS for Developers: RDS Mysql Database with Lambdas | LinkedIn LEARNING
- Amazon Web Services: Exploring Business Solutions | LinkedIn LEARNING
- Blockchain Basics | LinkedIn LEARNING
- Kafka Essential Training | LinkedIn LEARNING

Achievements

- Achieved award “Outstanding Support-2020” for outstanding support throughout the year of 2020 in IT Townhall (Q1 & Q3), Robi Axiata Ltd.
- Achieved award “Outstanding Support-2019” for outstanding support throughout the year of 2019 in IT Townhall, Robi Axiata Ltd.
- Received award “Recognition of Contribution” for remarkable contribution in Robi-Airtel Merger-2016.

Reference

Dr. Md. Aminul Haque Akhand

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Dr. Md. Al Mamun

Professor, Department of CSE

Director, ICT Cell & Head, Department of CSE

Rajshahi University of Engineering & Technology

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