Md Fazla Rabbi

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Profile

Solution Architect & Tech Lead with 11+ years of experience designing and delivering enterprise applications, Microsoft Dynamics 365 solutions, Power Platform implementations, and scalable **NestJS-based SaaS** platforms. Experienced in leading enterprise digital transformation initiatives, solution architecture, and technical leadership across multiple industries.

Currently leading enterprise solutions for **Malaysia Airports Holdings Berhad (MAHB) using Microsoft Dynamics 365, Power Pages, Dataverse, Power BI,** and enterprise integrations. Proven expertise in architecting CRM, ERP, GIS, and cloud integrations, as well as designing **microservices and multi-tenant SaaS platforms with NestJS**. Passionate about building secure, scalable, and high-performance enterprise solutions that drive business value.

Skills

Languages: JavaScript, TypeScript, C#, Python, PHP, SQL

Microsoft Technologies: Microsoft Dynamics 365, Power Platform, Power Apps, Power Automate, Power Pages, Dataverse, Power BI

Architecture & Integration: Solution Architecture, Enterprise Integration, REST APIs, Microservices, gRPC, Kafka, Azure Integration Services, SAP Integration, ArcGIS Integration

Backend & Frameworks: NestJS, Node.js, ASP.NET Core, FastAPI, Flask, Laravel, CodeIgniter

Cloud & DevOps: Microsoft Azure, AWS, Docker, Kubernetes, Azure DevOps, Jenkins, Git

Data & Analytics: Power BI, Dataflows, Apache Airflow, AWS Glue (PySpark), Athena, AppFlow, ETL Pipelines

Databases: SQL Server, MySQL, PostgreSQL, Dataverse, MongoDB, Redis, DynamoDB, Amazon Redshift, BigQuery

Experience (**11+ years**)

1. Skill Quotient Technologies Sdn. Bhd.(skillquotientgroup.com) — KL, Malaysia

Skill Quotient Technologies is a global technology consulting company specializing in AI, Data Engineering, Cloud Computing, Cybersecurity, Application Development, Enterprise Integration, and Digital Transformation. The company delivers enterprise solutions across government and private sectors, helping organizations modernize operations through innovative technologies and industry best practices.

➔ Tech Lead – Microsoft Dynamics 365 & Power Platform: NOV 2025- Present

- Lead end-to-end delivery of enterprise solutions using **Microsoft Dynamics 365, Power Platform, Power Pages, Dataverse, and Power BI.**

- Architect integrations between Dynamics 365, SAP, ArcGIS, and third-party systems for **Malaysia Airports Holdings Berhad (MAHB).**
- Lead solution architecture, mentor *developers, and ensure successful production deployments across multiple enterprise projects.*

➔ As Senior Software Engineer: June 2024 - Nov 2025

- Led the architecture and development of a **multi-tenant SaaS** e-Invoicing platform using **NestJS** for deployments across **Malaysia, Singapore, and the UAE**.
- Designed scalable microservices with **MySQL, Redis, and cloud-native architecture,** ensuring high performance and tenant isolation.
- Integrated with **LHDN** and **Peppol (C5 Model)** to support regulatory compliance and high-volume invoice processing.

2. sMedia (www.smedia.ca) — Regina, SK, Canada

sMedia is a technology company providing digital marketing solutions primarily to the automotive, power sports, marine, RV, and high-end electronics industries. They help 500+ dealerships across North America maximize marketing efficiency and grow sales

➔ As Senior Software Engineer & DATA Engineer: Feb 2021 - May 2024

- Led the design and development of **SaaS platforms** using a **microservices** framework, managing customer and product data.
- Spearheaded the development of a **Master Data Pipeline architecture**, optimizing data management and enhancing data availability by 40%.
- Managed daily data pipelines using **Apache Airflow and AWS technologies** (S3, Glue, Redshift) for marketing performance data, achieving a 30% increase in data accuracy.
- Designed and implemented the database and data flow for the **HUB system**, reducing legacy service costs by 30%.
- Developed dashboards for reporting on ad performance (Google Ads, Facebook Ads, Microsoft Ads), contributing to a 35% boost in customer acquisition.

➔ As Software Engineer: Oct 2018 - Jan 2021

- Developed & revamped **SMART OFFER, DIRECT MAIL** product, increasing product sales by 50%
- Developed a car search engine to locate cars from multiple vendors in a specified radius.
- Automated ad creation for **Facebook, Marketplace,** and **Microsoft Ads** through centralized systems.

3. Bond Technologies — Dhaka, Bangladesh

Bond Technologies is a sister concern of Bond Companies. They have developed various kinds of software for different kinds of clients both in Canada and overseas.

➔ As Software Engineer: Aug 2017 - Aug 2018

- Backend development and database management for an **ERP** project.
- Led the development of a cashier and **POS accounting system,** streamlining financial operations.

4. EOMS bd — Dhaka, Bangladesh

EOMS bd has a collection of young talented developers from Bangladesh providing IT services (including Software solutions and web development).

➔ As Software Engineer: Jun 2016 - Jul 2017

- Building an **online shop management** system and HR solution
- Recruitment, Attendance & **HR Solution** for Garments

Education

- MASTER OF SCIENCE IN COMPUTER SCIENCE
  Institution: **American International University–Bangladesh (AIUB)**
  Major: Intelligent Systems
  Result: CGPA-3.50(Out of 4) Passing year: 2018
  My thesis topic is "Predicting Fans' FIFA World Cup Team Preference from Tweets" which was published in ICONCS-2020 (Springer)

- BACHELOR OF COMPUTER SCIENCE & SOFTWARE ENGINEERING
  Institution: **American International University–Bangladesh (AIUB)**
  Result: CGPA-3.50(Out of 4) Passing year: 2016