

Abrar Ahmed

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Summary

Enthusiastic BSc graduate passionate about software engineering, seeking opportunities to contribute to a dynamic team. I am eager to apply my analytical and problem-solving skills to real-world challenges. I am driven to learn and grow continuously within a collaborative environment.

Technical Skills

Languages and Databases: C++, Python, Pandas, Numpy, SQL, PostgreSQL, JavaScript (Basic), Qweb, XML, Odoo ORM, etc.

Other Skills: Problem-Solving, GitHub, Excel, Data Analysis, Blender, etc.

Interests: Data Science, Machine Learning, LLM, etc.

Experience/Projects

Metamorphosis Ltd.

August 2024 – Present

Jr. Software Developer (Odoo Developer)

Worked on multiple Odoo development projects for various industries, including **manufacturing, publishing, and non-profit sectors.**

- **Premier1888:**
 - Customized and enhanced Odoo modules (Purchase and Sales) for complex **supply chain** operations.
 - Developed a custom module to manage the **Sales Commission system.**
 - Built a custom **Approval System** for streamlined Vendor Bill Approvals.
 - Worked on various custom reports.
- **Agile Minds:**
 - Developed a **Customer Bulk Upload** module to solve the large file import problem, including multiple custom requirements. Used a bulk process to upload a chunk of data using Odoo's automated action.
 - Developed an **XLSX Report Engine** for tracking and analyzing **inventory operations.**
 - Developed an **XLSX Report Engine** for tracking all **procure-to-pay** operations.
 - Developed a Bulk Inventory Adjustment Module to make inventory adjustments by uploading a file rather than doing each adjustment manually.
- **Adarsha Publication:**
 - Implemented an **Author Royalty System** to automate royalty calculations and reporting.
- **Friendship NGO:**
 - Built a custom **Approval System** for streamlined purchase request management.
 - Customized **procure-to-pay** operations according to their requirements.

Personal Projects & Publication

Farming Assistant | [Video](#) | [Publication](#)

- An IoT-Based AI-Integrated Device for Farmers with a Recommendation System for Crop Cultivation based on various soil nutrients.

Tech Used: Flutter, Dart, Firebase, Machine learning, Arduino, NPK sensor.

Medicine Assistive System | [Video](#) | [Publication \(Soon\)](#)

- A medicine assistive system with features like medicine box recognition, medicine schedule and alert, and insulin dose prediction.

Tech Used: HTML, Bootstrap, Django, Machine learning, Raspberry Pi, IR sensor.

Education

Military Institute of Science & Technology

Mar 2020 – Apr 2024

Bachelor of Science in Computer Science & Engineering, CGPA: 3.72

Dhaka Residential Model College

Jan 2018 – Oct 2019

Higher Secondary School Certificate, GPA: 5.00

