

FAYAZ AHMAD

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LINKS

[Github](#) [Linkedin](#)

PROFILE

A software Engineer with one year of robust experience in the field, focusing on the integration of API's development using dot-net. I am adept at thriving in dynamic, high-pressure settings, where I creatively and efficiently tackle challenges to meet productivity objectives. My strengths include adaptability, proactive collaboration within teams, and a commitment to implementing clean code principles. Continuously striving for enhancement, I eagerly pursue opportunities for professional growth and refinement.

EMPLOYMENT HISTORY

.NET Developer | Self-Employed.....October 2024 – Present

- **Blood Donation Management System – Desktop Application**, Technologies: C#, MS Visual Studio, Dot Net core and MS SQL Server.
- **Designed and developed a robust desktop application** to manage end-to-end blood donation processes, including donor registration, blood stock management, and reporting.
- **Implemented secure authentication and access control** for administrators to safeguard sensitive donor data and restrict unauthorized access.
- **Created donor management modules** for adding new donors, updating existing records, searching by blood group/location, viewing all donor details, and deleting donor records by ID.
- **Developed blood stock management modules** for increasing, decreasing, and monitoring stock levels, ensuring accurate and real-time inventory tracking.
- **Integrated a stock details module with reporting features**, allowing administrators to view comprehensive blood inventory insights.
- **Optimized SQL Server database design and queries** to ensure fast data retrieval, accuracy, and scalability of the system.
- **Tested, debugged, and refined application modules** to deliver a reliable, user-friendly, and efficient solution for blood bank management.
- **Pharmacy Management System – Desktop Application**, Technologies: C#, MS Visual Studio, .Net core Framework, and MS SQL Server.
- **Developed two separate modules:** an Admin Dashboard to streamline management tasks and a pharmacist module to improve the efficiency and accuracy of sales operations.
- **Created comprehensive user management modules**, including functionality for adding new users, viewing user's details, updating existing profile, and deleting user records by username.
- **Developed Pharmacist sales management modules** for adding new medicines, viewing and modifying details, and checking medicine validity to ensure accurate and real-time inventory tracking.
- **Built a Sell Medicine module** with integrated search functionality and automated calculations to simplify transactions and display accurate change.
- **Optimized database design and queries** in MS SQL Server to support efficient inventory management and reliable system performance.

- **Improved workflow efficiency and accuracy** in pharmacy operations through automation and user-friendly interfaces.

.NET Developer at Swat University, August 2022 – November 2022

- **Designed and developed** a robust desktop application using ADO.NET and MS SQL Server, managing all aspects of supermarket and record keeping.
- **Developed two separate modules:** an Admin Dashboard to streamline management tasks and a Cashier Transactions module that improved the efficiency and accuracy of sales operations.
- **Developed a transactional calculator** to streamline calculations, enabling real-time performance tracking.
- **Created modules for product descriptions**, categories, brands, and product listings, improving product management and usability.
- **Developed an In-stock module** to manage stock entries and adjustments, improving inventory accuracy and control.
- **Built a supplier management module** to centralize supplier data (name, address, contacts details), enhancing data accuracy and communication efficiency.
- **Implemented a sales record module** to maintain complete sales history (daily, weekly, monthly), enabling efficient reporting and performance analysis.
- **Developed and maintain**
- **Developed and implemented a comprehensive POS Records module** featuring top-selling reports, sold items, critical stock alerts, inventory management, cancelled order logs, and stock-in history, improving inventory visibility and sales analysis.
- **Designed and implemented a User Account module** to manage admin and cashier accounts, including account creation, password management, and updating or deleting existing accounts.
- **Built a Store management module** to update supermarket name and address, automatically synchronizing changes across all records, including bills and sales history, ensuring data consistency.
- **Developed a Barcode module** that automatically generates unique barcodes for each product.
- **Developed a Cashier module** to manage new transactions and maintain detailed transactional records for multiple cashiers, improving operational accuracy and workflow.
- **Built a Discount module** that calculates discounts for single or multiple products, enabling flexible promotional pricing and faster checkout.
- **Developed a Settle Payment module** to handle simple calculations and accurately determine payment remainders, simplifying cashier operations and ensuring precise payments.
- **Designed and optimized SQL Server database schemas**, ensuring data consistency, security, and efficient data retrieval.
- **Utilized SAP Crystal Reports to generate dynamic reports such as:**
 1. Real-time transaction reports
 2. Auto generated sales reports
 3. Daily sales record
 4. Cashier-wise Sales reports
 5. Top Selling items analysis
 6. Inventory Lists
 7. Overall Sold Items tracking
 8. Critical Stock alerts
 9. Cancelled orders record
 10. Stock-In history
- **Integrated Crystal Reports** into the application to allow one-click report generation, reducing manual effort and ensuring consistency across academic documents.
- **Enabled role-based access control** to differentiate privileges among administrators, and cashiers.
- **Conducted performance tuning and query optimization** to handle large volumes of transactions and product data efficiently.

- **Delivered a complete, user-friendly** solution used by administrative staff for daily operations, improving supermarket productivity and data accuracy.

EDUCATION

University of Swat..... BS Computer Science
August 2018 – November 2022

SKILLS

C#.....	Git.....
Entity Framework Core.....	Jira.....
MVC & ASP.NET Core.....	HTML 5.....
MS SQL.....	CSS 3.....
API's integration.....	JavaScript.....
LINQ.....	MS Office.....
SignalR.....	Bootstrap.....
CQRS.....	LLM Prompting
ADO.NET.....	

LANGUAGES

ENGLISH..... URDU.....

TRAINING / COURSES

ASP.Net core MVCAug 2024- Dec 2024
Front End HTML, CSS, JavaScript Feb 2023
JavaScript Module 10 Feb 2023

REWARDS

Recipient of the University's Top Third Achiever Award..... University of Swat,
Acknowledged two times for outstanding academic performance.