Syed Shamoon Ashraf

Associate Software Engineer

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SUMMARY

Computer Science graduate with hands-on AI and software development experience. Built AI-powered applications and have a strong interest in AI and Machine Learning. Also experienced in Microsoft Dynamics 365 Finance & Operations, C#, .NET, SQL Server, and Microsoft Power Platform.

EDUCATION

B.S. (Computer Science), *DHA Suffa University (3.37/4.00 GPA)* 10/2022 – 07/2026

H.Sc. (Pre Engineering), *Adamjee Govt. Science College* 10/2020 – 06/2022

SKILLS

- C#
- Dynamics 365
- .NET
- Python
- ERP
- X++
- Google Gemini APIs
- Microsoft SQL Server
- Microsoft Power Platforms
- Meta APIs
- Visual Studio
- APIs

CERTIFICATIONS

- Introduction to Artificial Intelligence - Google
- Microsoft Dynamics CRM & Power Platforms - MazikGlobal & SMIT
- Databases and SQL for Data Science with Python - IBM
- C# - Hacker Rank

EXPERIENCE

Microsoft Dynamics 365 FinOps Trainee, *Hull Technologies* 07/2026 – Present

- Wrote X++ code joining multiple tables and applying business calculations into matching report columns, replacing manual Excel consolidation.
- Automated the archival of finalized D365 F&O projects by integrating Business Events with Power Automate and SharePoint, triggering file migration from active project folders to an organized Archive location when projects reached the Finished stage.
- Configured multi-level approval workflow for a finance process, routing submissions automatically instead of by email.

Software Development Intern, *Pakistan Atomic Energy Commission* 08/2026 – 09/2026

- Conducted vulnerability testing on FPIS across authentication, input validation, and access control, resolving several issues before deployment.
- Authored installation guides and technical documentation for FPIS, reducing repeat support requests during rollout.
- Developed Paper Ream Management System with employee records and multi-level admin approval, replacing manual spreadsheet tracking of A3/A4 stock.
- Engineered PDF Document Management System with scan, upload, CRUD, and metadata search, centralizing 100+ documents into one searchable repository.

Software Development Intern, *Orient Energy Systems Pvt Ltd* 08/2025 – 10/2025

- Automated CRM email notifications in MVC .NET, eliminating manual sending and ensuring on-schedule delivery.
- Built dynamic salespersons grid with department-wise listing, CRUD, and search, reducing record lookup from minutes to seconds.
- Optimized SQL stored procedures generating weekly and monthly email reports, converting a manual compilation task into a scheduled job.
- Developed a WhatsApp chatbot in Python using Meta WhatsApp Cloud API and Ngrok, automating replies through interactive menu-based responses.

PROJECTS

EhsaasPay , *(Final Year Project)* 10/2025 – 07/2026

A Flutter-based donation platform designed to verify donation requests through secure and transparent donation process.

- Implemented CNIC-based registration with phone OTP verification and a 4-digit MPIN for secure donation access.
- Integrated Google ML Kit OCR for on-device CNIC and supporting-document verification.
- Implemented Stripe test-mode payments, push notifications, and an admin approval workflow.
- Developed a standalone admin panel for reviewing requests and monitoring organization statistics.
- **Technologies:** Flutter, Firebase Authentication, Firestore, Stripe, Google ML Kit

AI-Powered WhatsApp Bot Using Meta API 08/2025 – 09/2025

An AI-powered WhatsApp chatbot providing dynamic, context-aware responses using Google Gemini.

- Built with Python, Meta WhatsApp Cloud API, and Google Gemini API.
- Integrated Gemini for dynamic AI-generated replies.
- Used Ngrok for webhook integration and local testing.
- **Technologies:** Python, Google Gemini API, Meta WhatsApp Cloud API, Ngrok

AI Email Assistant 07/2026 – 07/2026

An AI-powered email assistant that reads emails, understands their intent, and generates intelligent reply drafts.

- The application analyzes incoming emails, extracts key context, and creates personalized responses for user review.
- Emails are only sent after user approval, ensuring accuracy and complete control.
- **Technologies:** Python, Gmail API, Google Gemini API, Streamlit