

MUHAMMAD SAAD BIN MASROOR

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Summary

Full-stack Software Engineer specializing in **ASP.NET Core**, **Python/Django**, and **AI/ML integration**. Experienced in building enterprise systems, RESTful APIs, and cloud-native applications with CI/CD pipelines. Proven ability to modernize legacy platforms, implement RBAC systems, and deploy scalable solutions using Azure DevOps and modern backend frameworks.

Experience

IT Developer ASP.NET Core — Premier Sales Private Limited

Nov 2025 – Present

Sales & Distribution Business Management System

Karachi, Pakistan

- Modernizing legacy enterprise BMS by migrating workflows to scalable ASP.NET Core architecture with modular design.
- Designed RESTful APIs for Auth, Upload, Pipeline, and Reports modules ensuring maintainability and extensibility.
- Collaborated with cross-functional teams to align technical solutions with business requirements and deployment schedules.

ASP.NET Developer (Intern) — Pakistan International Airlines

Jul 2025 – Sep 2025

IT Division

Karachi, Pakistan

- Built Service Request Management System serving 3,000+ employees, migrating from 15-year legacy system to modern platform.
- Implemented role-based access control for 4 user types (Employees, Field Engineers, Department Heads, System Admin).
- Automated workflows reducing average ticket resolution time by 40% through intelligent routing and real-time tracking.

Technical Projects

Inventory Management System (IMS) — Local Warehouse

C#, MySQL, .NET, Windows Forms

- Developed desktop inventory system to track stock levels, suppliers, and categories with dynamic discount engine and automated low-stock alerts.
- Built comprehensive reporting module for sales analytics, stock movement, and supplier performance tracking.

eBay Price Prediction Pipeline

Python, BeautifulSoup, Pandas, Scikit-learn

- Scraped and processed 10,000+ eBay listings; engineered features including product condition, seller rating, and historical trends.
- Built end-to-end ML pipeline achieving 87% prediction accuracy ($R^2 = 0.85$) for market pricing insights.

Odoo Data Integration System

Python, Odoo 14, FastAPI, REST API, PostgreSQL

- Built data synchronization pipeline between Odoo ERP and external databases for real-time order processing.
- Developed FastAPI endpoints to ETL order data from Odoo, reducing manual data entry time by 70%.

Technical Skills

Backend & Frameworks: ASP.NET Core, .NET, C#, Python, Django, Flask, FastAPI, REST APIs

Cloud & DevOps: Azure DevOps, CI/CD Pipelines, Docker, Azure, Amazon ECS, Azure-ready deployments

Databases & ORM: SQL Server, PostgreSQL, MySQL, Entity Framework, Django ORM, pgAdmin

AI/ML & Data: GPT-Neo, Transformers, Pandas, Scikit-learn, NLP, BeautifulSoup, ML Pipelines, Selenium, JUnit

Enterprise & Automation: RBAC, Authentication, Workflow Automation, Odoo, Legacy System Migration

Tools & Project Management: Postman, Git, ClickUp, Trello, Jira, Gradle, React

Education

B.S. Computer Science (CGPA: 3.88/4.0)

Expected Jun 2026

Mohammad Ali Jinnah University

Karachi, Pakistan

Certifications

Mobile Application Developer (Meta) • Introduction to Cyber Security (CISCO) • Machine Learning Fundamentals • SQL (Michigan University)