

MUHAMMAD USMAN KHAN (MSSE)

Senior Odoo & ERP Solutions Architect | Functional Consultant | Full-Stack Software Engineer

Samundri, Pakistan • +92 312 6912440 • iusmanghias@gmail.com • Open to Remote & Relocation
LinkedIn: linkedin.com/in/iusmanghias • GitHub: github.com/UsmanGhias

PROFESSIONAL SUMMARY

Results-driven **Senior Odoo & ERP Solutions Architect, Functional Consultant, and Full-Stack Software Engineer** with **6+ years of verified experience** delivering **91+ Odoo builds** and **185+ software projects** across 25+ countries with 17+ published apps on the official Odoo Apps Store. Expert in full-lifecycle ERP architecture (Odoo 14-19 Community, Enterprise, Odoo.sh), OWL (Odoo Web Library), QWeb reporting, Odoo Spreadsheets dynamic business intelligence, and scalable API pipelines. Proven record leading international ERP transformations across Switzerland (Plectar), Austria (Cavi Consulting), Sweden (PartsNord), Saudi Arabia (TeleNoc), UAE (SyncQuik), and the United States (Soul Builders SLC). Deeply skilled in bridging core technical development with functional consulting across Accounting, Multi-Warehouse Inventory, POS, CRM, and Manufacturing.

TECHNICAL SKILLS

- **Odoo & ERP Systems:** Odoo 14, Odoo 15, Odoo 16, Odoo 17, Odoo 18, Odoo 19 (Enterprise, Community & Odoo.sh), Custom Module Development, OWL Framework (Odoo Web Library), QWeb Reports, Odoo Spreadsheets (Dynamic BI & Data Extraction), Automated Actions, Server Actions, Point of Sale (POS), Inventory & Multi-Warehouse Routing, Accounting & Invoicing, CRM, Purchase, MRP/Manufacturing, Website & E-commerce, Field Service, Project & Timesheets
- **Languages & Frameworks:** Python (Expert), JavaScript (ES6+), TypeScript, XML, HTML5, CSS3, Tailwind CSS, React.js, Next.js, Node.js, FastAPI, Django REST Framework, Flutter (Dart), PHP, WordPress, Shopify Liquid
- **APIs & Integrations:** XML-RPC, JSON-RPC, RESTful APIs, WebSockets, Webhooks & Queue Workers, n8n Automation, Payment Gateways (Stripe, PayPal), E-commerce Connectors (Shopify, WooCommerce), OpenAI / LLM AI Integrations, Document Intelligence (OCR / NLP)
- **Databases & Cloud DevOps:** PostgreSQL (ORM Optimization, Triggers, Views, Indexing, Schema Design), Redis, Docker, Git, GitHub Actions, CI/CD Pipelines, AWS (EC2, S3), DigitalOcean, Linux Server Administration (Ubuntu, Debian, Nginx, SSL), Odoo.sh Cloud Platform
- **Consulting & Methodologies:** End-to-End ERP Implementation, Business Process Re-engineering (BPR), Gap Analysis, Technical Architecture, Requirements Gathering, Chart of Accounts & Fiscal Localization, User Training & Change Management, Agile/Scrum

WORK EXPERIENCE

Senior Odoo Spreadsheets Specialist & BI Architect | Plectar

Dec 2025 - Present

Dynamic Reporting, Relational Data Modeling & Custom Extensions

Remote (Switzerland)

- **Enterprise Odoo Spreadsheets Architecture:** Direct dynamic data modeling and multi-dimensional financial BI reporting suites inside native Odoo Spreadsheets.
- **Data Migration & Client Satisfaction:** Migrated complex legacy corporate reporting systems into native Odoo Spreadsheets with consecutive 5.0/5.0 client ratings.
- **Custom OWL & Python Extensions:** Engineered custom Python and JavaScript/OWL backend extensions to extract, transform, and aggregate nested relational data from backend models.
- **Executive KPI Dashboards:** Built automated executive KPI dashboards for operational monitoring, inventory replenishment, and gross margin tracking.

Senior Odoo Project Manager & AI Integration Architect | Cavi Consulting

Aug 2024 - Feb 2026

Enterprise ERP Management, Machine Learning Workflows & Odoo.sh

Remote (Austria)

- **Enterprise ERP Project Management:** Spearheaded enterprise Odoo ERP implementations and technical delivery for Austrian and European corporate clients.
- **AI & Machine Learning Integrations:** Directed the integration of machine learning workflows into native Odoo modules for automated document classification and predictive sales forecasting.
- **Odoo.sh DevOps & Releases:** Managed technical Git development workflows on Odoo.sh, resolving complex merge conflicts, staging branch deployments, and production releases.
- **Techno-Functional Consulting:** Led discovery workshops with corporate stakeholders, translating complex business processes into modular software specifications.

Senior Odoo Implementor & Technical Project Manager | PartsNord Europe AB

Oct 2025 - Jul 2026

Enterprise Automotive Parts ERP Implementation

Remote (Sweden)

- **End-to-End Odoo 17/18 Implementation:** Directed full ERP rollout for European automotive parts distribution networks.
- **15+ Custom Business Modules:** Engineered custom modules for multi-tier dynamic pricing, vehicle parts cataloging, lot/serial tracking, and automated B2B/B2C portals.
- **Performance & Fulfillment Optimization:** Optimized PostgreSQL ORM queries and multi-warehouse routing rules, cutting reporting latency by 60% and ensuring 99.4% fulfillment accuracy.
- **Carrier & Tax Integrations:** Integrated real-time shipping carrier APIs and automated European VAT/tax localization rules across multiple operating entities.

Founder & Chief Executive Officer (Principal ERP Architect) | CODCrafters

Mar 2022 - Present

Software Consultancy & Product Studio (4+ Years)

Samundri / Lahore & Remote

- **185+ Projects & 91+ Odoo Deployments:** Direct technical execution of 185+ software projects and 91+ Odoo builds worldwide with 100% client satisfaction across 25+ countries.

- **Full-Scale Industry ERP Solutions:** Architected Healthcare HMS (50+ custom modules unifying patient records, appointments, pharmacy, billing), Hospitality (Hotel Management System), and Car Repair Workshop ERP.
- **Mobile Engineering:** Engineered 4 production Flutter mobile applications (CLIVORA business workspace OS, ForgeNFit AI health suite, Noor UI Haya) integrated with ERP backend microservices.
- **Team Mentorship:** Mentored a development team of 6+ software engineers in clean code standards, Git branching strategies, automated testing, and Odoo coding best practices.

Senior Odoo Developer | TeleNoc (هلكون لتقنية المعلومات)

Oct 2023 - Sep 2024

Enterprise Odoo Development & Implementations (Hybrid / 1 Year)

Riyadh, Saudi Arabia

- **Enterprise Module Engineering:** Engineered full-fledged enterprise Odoo modules with OWL and XML-RPC frontend and Python backend for clients across Saudi Arabia and the GCC region.
- **Car Sales & Workshop Module:** Built complete Car Sales & Workshop Management Module in Odoo 17, implementing complex business logic across thousands of lines of code.
- **App Store Publications:** Developed multi-vendor management and All-in-One Lock Price modules across Sales, Purchase, and Accounting; published reusable apps on the official Odoo Apps Store.
- **ZATCA Localization:** Configured Saudi ZATCA e-invoicing compliance workflows and localized tax configurations for regional clients.

Odoo ERP Developer & Software Engineer | Soul Builders SLC

Jan 2024 - Jan 2025

Custom Workflow Engineering & ERP Automations (1 Year)

Remote (USA)

- **Custom Workflow Triggers:** Engineered and maintained custom Odoo ERP modules, automated workflow triggers, and third-party data synchronization pipelines.
- **Business Process Automation:** Implemented business process automations connecting inventory control, sales order processing, and automated vendor communications.
- **Security & Access Control:** Hardened security access rules, record-level permissions, and multi-company data isolation policies.

Senior Odoo Techno-Functional Consultant & AI Specialist | SyncQuik | Columbia Coatings | Sisters Code

Jan 2024 - Feb 2026

Enterprise Implementations, Custom Workflows & Migrations

Dubai, UAE / USA

- **Odoo 18 Car Repair Management:** Architected comprehensive Car Repair Management System in Odoo 18 for SyncQuik (Dubai), streamlining job cards, technician allocation, and automated billing.
- **WooCommerce to Odoo Migration:** Executed complete data migrations from WooCommerce to Odoo Enterprise for Sisters Code and Columbia Coatings, preserving legacy financial and order history.
- **Real-Estate AI Integrations:** Developed and integrated FastAPI and Python REST APIs for Dispo Genius real-estate AI platforms, increasing client engagement by 30%.

Full Stack Developer & Teaching Assistant (3x Appointed) | Techward Robe & PUCIT AI Lab

Feb 2022 - Mar 2024

MERN Stack Development, AI Research & Academic Instruction

Lahore, PK

- **Full Stack Web Development:** Developed MERN stack web applications, interactive portals, and RESTful APIs.
- **3-Time Teaching Assistant:** Appointed 3-Time Teaching Assistant at PUCIT for Data Science (Sep 2023 - Mar 2024), Computer Networks (Mar 2023 - Aug 2023), and Programming Fundamentals in C++ (Feb 2022 - Jul 2022).
- **Deep Learning AI Research:** Conducted AI research on deep learning-based automated satellite image monitoring frameworks.

KEY ERP PROJECTS & CASE STUDIES

- **Hospital Management System (Healthcare):** Engineered 50+ interconnected Odoo modules unifying patient electronic records, appointments, pharmacy dispensing, billing, and lab queues; reduced administrative overhead by 40%.
- **Automotive Service & Repair ERP (Automotive):** Automated repair job cards, technician task tracking, parts replenishment, and invoicing, reducing customer turnaround time from 25 minutes to under 5 minutes with ~0% billing errors.
- **Enterprise Hotel Management System (Hospitality):** Consolidated front-desk reservations, housekeeping workflows, multi-outlet POS, and financial accounting across 7 departments, eliminating booking collisions entirely.

EDUCATION

Master of Science in Software Engineering (MSSE) | Quantic School of Business and Technology, Washington D.C., USA

Jul 2024 - Sep 2026

Bachelor of Science in Software Engineering (BSSE) | PUCIT (Punjab University College of Information Technology), Lahore, PK

Apr 2020 - Jun 2024

- MSSE Phase 2 Examination Score: 95% (Issued Oct 2025). Focus on Advanced Software Architecture, Business Strategy & Engineering Leadership.
- Graduated with Distinction; Appointed 3-Time Teaching Assistant (TA) for Data Science, Computer Networks, and C++.

CERTIFICATIONS & RECOGNITIONS

- **Technical Certifications:** Microsoft Certified: Azure Fundamentals (AZ-900) | Amal Career Fellowship (Stanford University & Amal Academy)
- **Industry Contributions:** Official Odoo App Store Published Developer (17+ Published Apps, Usman Ghias) | 185+ Shipped Software Projects | 91+ Odoo Builds