MOHAMMED MUHSIN

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PROFESSIONAL SUMMARY

Results-driven Odoo Team Lead and Senior Developer with over 4 years of experience architecting, developing, and deploying custom ERP solutions for international and domestic clients. Proven record of leading development teams, managing full-lifecycle enterprise implementations, and building scalable modules across Chemical Manufacturing, Real Estate, POS, Logistics, and Automotive. Proficient in Python, PostgreSQL, Odoo ORM, OWL JS, REST APIs, and multi-tenant architectures, supplemented by Flutter mobile development and backend experience with Django and FastAPI.

TECHNICAL SKILLS

Odoo Framework: Odoo Community and Enterprise (v15-v17), Custom Module Architecture, ORM Optimization, QWeb, OWL JS Framework, Custom Services (appMenuService), Automated/Server Actions, Multi-Company Logic

Programming and Backend: Python, FastAPI (Async REST APIs), Django, JavaScript (ES6+), HTML5, CSS3, SQL, XML, REST APIs, JWT Authentication

Mobile: Flutter, React Native (Basics)

Database and Performance: PostgreSQL Administration and Tuning (shared_buffers, work_mem), Query Optimization (EXPLAIN ANALYZE), Indexing (B-Tree, GIN, GiST), Lock Management, WAL Archiving, PITR, pg_dump/pg_restore

DevOps and Linux Administration: Ubuntu Server Hardening, Nginx (Reverse Proxy, SSL/TLS, Load Balancing), systemd, Bash Scripting, Automated Backups (dd, tar, rsync), Cron

Containerization: Docker, Docker Compose Multi-Container Orchestration, Custom Dockerfiles for Odoo/Python, Multi-Tenant Isolation, Persistent Volumes, Container Networking

Tools and Methodologies: Git, GitHub, PyCharm, Postman, Linux CLI, Agile/Scrum, Code Reviews, CI/CD

PROFESSIONAL EXPERIENCE

Odoo Team Lead and Senior Developer

Foxiom Leads Pvt Ltd | Feb 2023 - Present

- **DevOps and Infrastructure:** Provisioned, hardened, and maintained production Linux (Ubuntu) servers hosting 30+ enterprise client ERP systems. Engineered Nginx reverse proxies with SSL termination, worker tuning, and rate limiting.
- **Database Administration and Optimization:** Managed production PostgreSQL instances across multi-tenant setups. Profiled queries with EXPLAIN ANALYZE, eliminated database deadlocks, optimized indexes, and built automated PITR backup pipelines.
- **Dockerized Deployments:** Designed production-grade Docker and Docker Compose setups for isolated Odoo, PostgreSQL, and Redis instances, ensuring environment parity between staging and production.
- **Team Leadership:** Led a team of Odoo developers, establishing Git version control workflows, architectural standards, automated deployment scripts, and code review checklists.
- **Onsite International Deployments:** Lead Onsite Odoo Developer in Kuwait (June 2024 - May 2025), architecting multi-company manufacturing and supply chain workflows for industrial enterprises including Alsanea Chemical Company and Al Barakk Chemical Company.

Odoo Developer Intern

Foxiom Leads Pvt Ltd | Feb 2023 - June 2023

- Assisted in developing and customizing core Odoo modules and relational database models under senior technical direction.
- Collaborated with cross-functional teams to translate business workflows into functional ERP specifications.

ENTERPRISE PROJECT PORTFOLIO

Mobile and On-Demand Consumer Applications

- **On-Demand Beauty Parlour Application:** Developed a customized cross-platform mobile app in Flutter for booking beauty parlour services, scheduling appointments, and managing service providers.

Automotive, Detailing and Service Management

- **Royal Drive and Demon Autocare:** Implemented automotive service management, workshop scheduling, inventory control, and customer vehicle tracking.
- **Car Wash Live and Car Wash ZAN:** Built POS and operational workflow automation modules for car wash and detailing businesses.
- **Auto-Garage Management:** Developed job cards, spare parts tracking, and mechanical service billing workflows.

Industrial, Manufacturing and Trading ERPs

- **Alsanea Chemical Company (Kuwait, Onsite, Multi-Company) and Al Barakk Chemical Company (Kuwait):** Led full multi-company ERP implementations covering manufacturing runs, multi-warehouse inventory, and financial accounting.
- **Goldene Globe Catering, CEEPEE, Allied Agency, EC Pack, Goodwill, Gizmo, Darnas, YiShu Trading:** Engineered distribution, wholesale trading, inventory management, and purchase-to-pay automation workflows.
- **Glasco CRM:** Developed integrated CRM extensions to streamline customer pipelines and sales tracking.

Retail, POS and Specialized Sector Solutions

- **Kiwi ERP System:** Developed customized vertical-specific enhancements for operational efficiency.
- **Robofoxy, FGZZ, Anemar, Clinard ERP, Merrysoul, E Race, Trios, Spunic:** Designed tailored modules for unique client requirements across retail, billing, and specialized service delivery.
- **DSS / DSS Golden / DSS New (Demo):** Deployed core accounting, asset tracking, and business logic extensions.
- **Wagas LPG, Cache KSA, AMTCO:** Implemented specialized integrations and regional tax and operational adaptations.

EDUCATION

Bachelor of Technology (B.Tech), Computer Science / Engineering

APJ Abdul Kalam Technological University (KTU) | 2018 - 2022

Higher Secondary Education

GHSS Pulamanthole | 2016 - 2018

CERTIFICATIONS

- Cost Accounting and Financial Modules Specialization
- Odoo Technical Design and Advanced Architecture
- Professional Project Management and ERP Implementation Methodology

ADDITIONAL INFORMATION

- **Domain Competencies:** Cost Accounting Workflows, Multi-Company ERP Implementations, Inventory and Supply Chain Management, Manufacturing Operations, Point of Sale (POS) Systems
- **Languages:** English (Professional), Hindi (Professional), Tamil (Professional), Arabic (Elementary)
- **Recognition:** Recognized at Foxiom Leads Pvt Ltd for leading complex international onsite deployments and multi-tenant architectures across 30+ client implementations.