



MURALI KRISHNA REDDY

ASSISTANT MANAGER - PROJETCS

CONTACT

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SKILLS

Data Visualization

- Tableau
- Jasper Reports
- Pentaho BI

Programming Language

- Python 2.7 ~ 3.10

Databases

- PostgreSQL 8.4 ~ 12
- Snowflake
- SQL Server 2000/2005

Web Technologies

- HTML5
- JQuery
- JSON
- JavaScript

Web Frameworks

- Odoo 6.1 ~ 18
- Django

Integration Tools

- GitLab
- GitHub

LANGUAGES

- English
- Telugu
- Hindi
- Kannada

PROFILE

Results-driven Odoo Technical Lead with 8+ years of experience in end-to-end ERP implementations, custom module development, and performance optimization. Proven track record of delivering scalable Odoo solutions for global clients (UK, Germany, Hong Kong) across manufacturing, retail, and logistics. Expertise in Python, Odoo ORM, PostgreSQL optimization, and third-party integrations (APIs, payment gateways). Strong leadership in Agile teams, mentoring developers, and ensuring on-time project delivery.

TECHNICAL EXPERIENCE

- 8+ years of experience with Odoo Framework.
- 8+ Years of Experience with Python.
- 8+ Years of Experience with PostgreSQL.

ODOO EXPERIENCE

✓ Customization & Development

- Developed and customized Odoo modules (v8-v18) using Python, XML, JavaScript, and OWL to meet business requirements.
- Enhanced existing modules by adding new features, workflows, and reports based on client needs.
- Integrated third-party APIs (SMS, Shipping, Education, etc.) with Odoo for seamless operations.

✓ Implementation & Deployment

- Successfully implemented Odoo ERP across multiple industries (Manufacturing, Retail, Healthcare, Logistics).
- Configured CRM, Sales, Inventory, Accounting, HR, POS, and other Odoo apps for optimal business flow.
- Managed On-Premise, and AWS/Ubuntu deployments, including performance optimization.

✓ Technical Expertise

- Strong experience in Odoo ORM, QWeb, Constraints, Security (ACL), and Automated Actions.
- Developed dynamic PDF/Excel reports using QWeb, Pandas, and Report Designer.
- Built RESTful/JSON-RPC APIs for mobile and external system integrations.

✓ Troubleshooting & Optimization

- Debugged and resolved performance bottlenecks, migration issues, and bugs in Odoo.
- Optimized PostgreSQL queries and implemented caching strategies for faster data retrieval.
- Conducted Odoo upgrades (community/enterprise) with minimal downtime.

✓ Business Process Automation

Automated recurring invoices, purchase approvals, inventory alerts, and other workflows.

Designed Kanban, Gantt, and Pivot views for better data visualization and decision-making.

Implemented barcode scanning and electronic documents for paperless operations.

✓ Client & Team Collaboration

Gathered business requirements, translated them into technical solutions, and trained end-users.

Worked closely with cross-functional teams (UI/UX, QA, Product Managers) for smooth project delivery.

Provided post-implementation support and maintenance for long-term client satisfaction.

WORK EXPERIENCE

Lyra Infosystems Pvt Ltd

OCT 2021 - PRESENT

Assistant Manager - Projects

- Managed project schedules and deadlines, ensuring deliverables were met on time and within budget.
- Customizing and developing modules in Odoo based on business requirements.
- Communicated project updates and progress to stakeholders and team members.
- Conducted regular team meetings to coordinate tasks and delegate responsibilities.
- Identified and addressed potential risks and issues that may impact project timelines.
- Participated in project planning and brainstorming sessions to generate ideas and strategies for project success.
- Working closely with functional consultants to understand client needs Provided guidance and support to project team members to resolve any challenges or obstacles.
- Reviewed and analyzed project performance metrics to ensure project goals were met.

Credativ Software India Pvt. Ltd.

MAY 2012 - SEP 2021

Technical Lead

- Define system architecture, ensuring scalability, security, and performance for enterprise Odoo deployments.
- Mentor junior developers, conduct code reviews, and enforce best practices (Odoo coding standards, PEP-8, modular design).
- Oversee end-to-end Odoo implementations (from requirement gathering to Go-Live) for clients across industries.
- Ensure projects are delivered on time, within budget, and with high-quality standards.
- Develop advanced business logic for manufacturing, inventory, accounting, and CRM workflows.
- Build multi-company/multi-currency solutions with role-based access controls (RBAC).
- Create custom reports (PDF, Excel, BI dashboards) using QWeb, SQL, and data analytics tools.
- Secure Odoo deployments by configuring HTTPS, firewalls, backup strategies, and OAuth2.
- Conduct database migrations and version upgrades (e.g., Odoo 11 → 15) with minimal downtime.
- Automate CI/CD pipelines (GitHub Actions, GitLab CI) for testing and deployment.

WinStrata Software Solutions

NOV 2009 - APR 2012

Software Engineer

- Developing high quality software solutions based on client requirements Writing clean, efficient code using programming languages such as .Net, Python, etc
- Testing and debugging code to ensure proper functionality
- Participating in daily standup meetings to track progress and discuss roadblocks

Alliance Info Pvt. Ltd

JUL 2006 - OCT 2009

Software Engineer

- Documenting code and technical specifications for future reference Troubleshooting and resolving technical issues reported by customers
- Working closely with Quality Assurance teams to ensure software meets quality standards

EDUCATION

B.Tech. in Computer Science and Engineering

2002 - 2006

Marks Earned : 69.2%

PROJECTS

Corporate Travel Management (Odoo 18)

Streamlined travel reimbursements and forex tracking, cutting processing time by 50% for a Bangalore-based client.

Some of the enhancements are mentioned below,

- Travel Authorization
- Travel Currency Request
- Travel Reimbursement
- Customization's in Employee Management
- Record Visa Fee, Ticket Summary, Travel Insurance and Forex Details for Settlement

Environment: Odoo 18.0, Python 3.10, PostgreSQL 13, Ubuntu 22.04

Commercial Contract Office Cleaning Services - London

An ERP solution has been provided for one of the client in London, UK.

Some of the features provided with this solution are,

- Client Contracts Management
- Loans Management
- Interest Calculation
- Loan Carry Forward
- Cleaning Service Charges

Environment: Odoo 18.0, Python 3.10, PostgreSQL 13, Ubuntu 22.04

Enhancements for Co-Selling Solution

Implemented various enhancements for a Co-Selling solution, so that Customer and their partners shall be able to use the Marketing Development Funds Effectively.

Some of the enhancements are mentioned below,

- Creation of Deals based on SKU's Net Booking Value
- Loading Telemetry Data from Snowflake to Funds Management Tool
- Update of Opt-In Status and Lifecycle Start Date based on Eligibility, BE GEO ID, Offer and CR Party ID
- Supporting the Customer in Life cycle Incentives Payments to their Partners
- Implementation of Provider Growth Funds
- Implementation of Sliding Scale for Distributor Invest
- Implementation of Business Process Actions for Provider MDF, Distributor Invest
- Customization in Company Data Model and Work
- Uploading Historical POP Attachments using Python Script

Environment : Odoo 17, PostgreSQL, JSON, python

KidSuperStore.in

An ERP solution has been provided for a Customer in Mumbai.

Some of the features provided with this solution are,

- Design Machine
- Sales, Purchase and Inventory Modules Customization.
- Delhivery Courier Integration
- Magento Integration Customization

Environment: Tableau Desktop, Odoo 11.0, Python 3.5, PostgreSQL 10, Linux Ubuntu 18.04

ERP for Software Services Providing Company in Germany

An ERP solution has been provided for a client in Germany.

Some of the features provided with this solution are,

- Migration of Odoo 11 existing system to Odoo 15
- Customization in Subscription module
- Customization in Time sheet module
- Creation of Project Tasks as per the services provided.
- Rebooking module

Environment: Odoo 15.0, Python 3.7, PostgreSQL 13, Debian GNU/Linux 11

ERP for Skin Products Trader

An ERP solution has been provided for one of the client in Delhi.

Some of the features provided with this solution are,

- Product wise PTR (Price to Retailer/Doctor) , PTS (Price to Stockist/Distributor), Weighted Average Cost with Free Qty and Without Free Qty
- Calculation of Product Landed Cost based on Incoterms (Ex-Works, FOB, CIF,etc)
- Re Ordering system based on Sales, Packages, Inventory
- Purchase Amendments
- User wise blocking Negative Stock
- Customization of Price lists for different scenarios

Environment: Odoo 13.0, Python 3.6, PostgreSQL 10, Linux Ubuntu 18.04

ERP for Airline Caterer

An ERP solution has been provided for one of the client in Hong Kong. This Solution shall be prepared as a Product.

Some of the features provided with this solution are,

- Configuring different Airline Companies, Flight Details, Aircraft Types, PAX Details, Sector Details, Service Details etc
- Creation of Menu Details for each Customer, Sector, Cycle, Rotation, Service and Meal Class
- Creation of Work Orders for each Flight, based on Flight Scheduled Date.
- Creation of Dispatch Items, Special Meal Items, Top up Items, Dry Store Items,etc for each Work Order and Calculation of their Quantities based on PAX Details.
- Creation of Station Records for each Work Order and based on Stations like, pre-preparation, Kitchen, Portioning, Tray Setup, Dispatch, Delivery.
- Inventory Management, Invoices creation.

Environment: Odoo 12.0, Python 3.6, PostgreSQL 9.6, Linux Ubuntu 18.04