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Summary

- A software developer with over 20 years of experience in all phases of the software development life cycle, and a focus on designing and building quality software systems that is easy to use.
- Extensive experience in developing Client/Server applications and distributed components in multi-tier environments.
- Excellent problem solving skills and knowledge of Systems Analysis and Design, Event Driven Programming, Distributed Applications, Object Oriented Programming and Design Patterns.
- Strongly self-motivated, enthusiastic and committed to work that furthers the growth of the organization.
- Outstanding ability to handle a variety of tasks and responsibilities and also work under pressure to complete assignments on time and within the parameters of allocated budgets.
- Sharp and creative in problem solving and needs assessment.
- Odoo developer & Technical Department Manager

Work Experience

SENIOR SOFTWARE SYSTEM DEVELOPER ADMINISTRATOR

Ministry of Planning and Public Utilities-Lands Department | Khartoum - Sudan | June 2002 – May 2022

- In 2004, analyzed and developed software system (Lands Registry program), restructured the database, and converted the database from Access to SQL Server 2000 with interfaces Visual Basic 6, so that in 2007 it became a unified program that includes all residential lands data.
- In 2006, analyzed, designed and implemented the financial endorsements program.
- In 2009, added a new section to the lands registry program, which is the section on villages and slums.
- In 2010, added the agricultural lands section to the lands registry program.
- In 2011 upgraded the database from SQL Server 2000 to SQL server 2008 R2.
- Analyzed and designed the Personnel Program and supervised the entry of all employee data to be a unified program that serves all employees.
- Participated with the programmers' team in analyzing and designing other programs that serve the needs of work within the organization, such as a (Salaries, Procurements, Warehousing Management, etc.).
- Participated in the implementation of the electronic archiving program with a specialized company.
- Participated in setup and managing new data center including racks, SAN and NAS technology and servers.
- Participated with the engineers to upgrade servers' operating system from 2003 to 2012 & Clients from XP to 7 and 10.
- Make a weekly report and submit it to the IT Manager.
- Managed and led a team of more than 15 people.
- Trained 150+ IT personnel as part of their induction period.
- Interact with the help desk and other teams to assist in troubleshooting, identify problem root causes, and provide technical support when needed.
- Maintain internal infrastructure requirements.
- Deploy server backups & evaluate new software.
- Roll-out software updates and patches.
- Perform routine audits of systems and software.

- Troubleshoot various computer and network systems as well as difficult virus removal problems.
- Proficient within desktop, systems, ERP and have excellent ability in providing team members with technical support
- Conduct root cause analysis in support of process improvements
- Analyze system hardware and software problems and provide technical solutions
- Responsible for in-house repairs of laptop and desktop computers, servicing equipment, and inventory involved
- Provide LAN / WAN troubleshooting Data Center / Site monitoring
- Ensure technical compatibility of existing and proposed software and hardware solutions
- Responsible for team member IT orientation and training sessions
- Work closely with the IT team on various projects

SOFTWARE SYSTEM DEVELOPER (Contractor)

Atlantic International Medical Supplies Co. | Khartoum - Sudan | March 2003 – March 2004

- Designed and developed software system (Accounting System and Warehousing Management), using scientific analysis and mathematical models to predict and measure outcomes.
- Trained users to use the new program.
- Consulted with IT department on project status, proposals, such as software system design.
- Upgraded servers' operating systems from 2000 to 2003.
- Configured Account department PCs.
- Troubleshoot OS and application issues.
- Deploy server backups.
- Provide daily help desk and technical support.
- Troubleshoot various computer and network systems as well as difficult virus removal problems.
- Design and implement database in accordance to end users' information needs and views.
- Develop and manage database schema, tables, dictionaries, and documentation.
- Monitor database performance, implement changes, and apply new patches and versions when required to ensure optimal performance.
- Conduct regular system tests and ensure continuous monitoring of database health.
- Implement and manage database security protocols to ensure data integrity and safety from attacks.
- Set up and maintain user access controls and database access permissions and privileges.
- Establish and maintain backup and recovery policies and procedures to ensure data preservation.
- Implement disaster recovery plans; perform regular backup tests.
- Assist in developing models for data storage and retrieval.
- Optimize database systems for performance efficiency.
- Provide technical support for database issues encountered by users.
- Train staff members who need to use the database.

- Plan and implement upgrades of database management system software to enhance database performance.
- Migrate databases to new technologies and platforms as necessary.
- Ensure data integrity and quality in database systems.
- Manage data import, export, and data cleansing operations.
- Generate various reports by querying from database as per need.
- Maintain detailed records and logs of database activities and maintenance procedures.
- Work closely with IT project managers, database programmers, and multimedia programmers.
- Communicate regularly with technical, applications, and operational staff to ensure database integrity and security.

PROGRAMMER

IT-Gates Co. | Khartoum - Sudan | January 2001 – January 2002

- Participated with developers to design algorithms and flowcharts.
- Participated in installed, configured and upgraded software applications on desktops.
- Perform analysis and troubleshooting of devices including printers.
- Roll-out software updates and patches.

Odoo developer

Technical Department Manager Alabrar Soft Est. -Technical Department Manager | Jeddah – Saudi Arabia | Feb 2023 – now

Education

Bachelor of Science, Computer Science

Omdurman Ahlia University | Khartoum - Sudan

Training

- Visual basic with Microsoft visual studio 2010.
- Oracle PL / SQL performance tuning | India.
- Administration SQL Server 2008 | India
- Full Stack web & mobile development.
- Oracle 8i & Developer 2000.
- System analysis and design.
- CCNA.
- Oracle with developer forms & reports advanced technique.

SKILLS & TECHNOLOGIES

- WINDOWS OS: XP, 7, 8, 8.1, 10 and 11.
- SERVERS OS: 2003, 2008 R2, 2012 R2 and 2016.
- WINDOWS SERVER FEATURES & ROLES: Active Directory, DC, DHCP, DNS, FTP and GP.
- SERVERS: HP ProLiant Series and Dell PowerEdge Series.
- ROUTERS: Cisco router 1941.
- SOFTWARES :Microsoft Visual Studio.NET,Microsoft Office and Windows Applications, **Odoo developer**.
- DATABASE SYSTEMS: Oracle 9i, SQL Server, Access and MySQL,postgresql.
- LANGUAGES: Java, Visual C++, C, C++, Pascal, SQL, PL/SQL, Visual Basic and .NET,python.
- Business Process Analysis

- Infor Enterprise Resource Planning
- Process Analysis
- Queue Management
- Root Cause Analysis
- User Assistance
- Hardware Solutions