

Abraham Tedla

Systems Administrator

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Experienced Systems Administrator and Business Analyst with 5+ years in systems administration, IT development, and data-driven decision-making. Seeking a dynamic role to leverage technical expertise and analytical skills to drive organizational success.

Authorized to work in the US for any employer

Technical Skills

Languages	Java, Python, C, C++, C#, UNIX Shell Scripting, Power shell Scripting and SQL
Data Science Technologies	Apache Spark, Apache Hive, Py-spark, Hadoop, TensorFlow
Virtualization Technologies	VMware, Promox, Hyper V
Application/Web servers	Apache Tomcat, Nginx, JBoss
SQL Databases	Oracle 8i/9i/10g/11g, MS SQL server, MySQL 5.7, EXADATA
NoSQL Databases	MongoDB
Operating systems	Windows, AIX and Debian Linux.
Version Control Tools	Git, Github

Professional Experience

Systems Support Specialist

Computer Repair Specialists, Las Vegas, NV

June 2023 to Present

- **Technical Support & Administration:** Diagnosed and resolved hardware, software, and network issues, ensuring optimal system performance.
- **Server & User Management:** Installed, configured, and maintained Windows and Debian servers, overseeing user accounts and access controls.
- **Configured and deployed servers** including unboxing, racking, and power setup of Debian and Red Hat Servers for enterprise environments.
- **Database Optimization:** Administered MySQL/MariaDB databases, implementing performance tuning and automated backup solutions.
- **Network Security & Maintenance:** Secured routers, switches, and firewalls, applying updates and patches to mitigate Cybersecurity threats.

- **Process Automation & Documentation:** Developed IT documentation, automated system monitoring, and conducted user training to improve operational efficiency.

Systems Administrator

Commercial Bank of Ethiopia (Remote)

January 2019 to June 2024

- **IT Infrastructure Management:** Maintained 99.9% up time for servers, networks, and storage by implementing proactive monitoring and security measures. Deployed and maintained IBM AIX and Red Hat servers supporting core banking applications.
- **Database Migration & Optimization:** Led Oracle 11g to Exadata migration, increasing database performance by 50% and optimizing T24 Temenos operations.
- **Application & Web Deployment:** Managed Tomcat, WebSphere, and JBoss servers, integrating SSL encryption and security protocols to enhance system integrity.
- **Database Administration:** Tuned Oracle, SQL Server, and MySQL databases, improving query response time by 30% and ensuring high data availability.
- **Process Automation & Virtualization:** Leveraged Bash, Python scripting, VMware, and Hyper-V to automate workflows, reducing manual workloads by 50%.
- **Monitoring & Reporting:** Designed real-time KPI dashboards, accelerating incident resolution by 35% and improving decision-making for business operations.

Systems Engineer

Commercial Bank of Ethiopia (Remote)

January 2018 to January 2020

- **System Development & Architecture:** Designed and maintained banking systems using Temenos T24Java, Xamarin, and C#, enhancing efficiency by 30% and reducing application errors by 25%.
- **API Integration & Automation:** Developed seamless SOAP, REST, XML, and JSON integration, accelerating data processing by 40%.
- **Performance Optimization:** Fine-tuned database queries and system infrastructure, cutting response times by 50% and ensuring 99.9% up time.
- **Data Engineering & Analytics:** Created SQL, Tableau, and Power BI dashboards, improving reporting speed by 60% and enhancing business intelligence.
- **Process Automation:** Automated workflows, reducing manual intervention by 50% and cutting downtime incidents by 20%.

Education

Master of Science in Data Science

University of Virginia 2025-2026

Bachelor of Science in BS, Computer Science

Rift Valley University 2014-2018