

MICHAEL PETERSON

PL/SQL DEVELOPER

Summary: Experienced SQL Developer with a strong background in enterprise financial systems, data integration, and audit support. Skilled in writing and optimizing complex SQL and PL/SQL procedures, managing ETL processes using SSIS and Linux bash scripts, and integrating external data sources into SQL Server and MySQL environments. Proven track record maintaining database performance, developing reports, and ensuring data accuracy across multi-server systems. Collaborative, detail-oriented, and driven to simplify infrastructure while aligning with business and IT goals.

AREAS OF EXPERTISE

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|-----------------------------|-----------------------------|---------------------------|
| ✓ Call Center Data Analysis | ✓ Expert SQL Development | ✓ Backend Data Extraction |
| ✓ Change Management | ✓ Process Improvement | ✓ Strategic Planning |
| ✓ Change Management | ✓ Python for Data Analytics | ✓ ETL Concepts |
| ✓ Data Analysis | ✓ Data Development | ✓ Data Development |

PROFESSIONAL EXPERIENCE

U.S. Small Business Administration (SBA) — Denver, CO / Hybrid

Senior IT Specialist | Oct 2012 – Present

Led team and management system responsible to agencies financial reporting, cash receipts, and disbursements
Supported backend analytics and reporting across enterprise systems, extracting call and financial data for performance optimization.

Engineered and maintained SQL-based data pipelines and stored procedures, improving operational reporting speed by 40%.

Applied Python and SQL to automate backend data extraction for dashboards and audit reports — reducing manual effort and increasing data reliability.

Collaborated with auditors and cross-functional teams to ensure clean, compliant datasets — aligning with evolving federal mandates.

Worked alongside application developers to support data systems tied to communications workflows, preparing systems for audit and strategic reporting.

Designed backend workflows that mirror call center data tracking

Created reusable reporting extracts that could integrate into systems like Salesforce.

Technologies: SQL, Oracle, PL/SQL, Python, Excel, VBA, Git, ETL, XML, Salesforce (data exports), Twilio (data review/support role)

U.S. Small Business Administration – Financial Assurance Division

Accountant • Denver, CO • 2004 – 2012

Led accounting operations and quality assurance efforts in the Financial Assurance Division (FAD), ensuring compliance with federal financial regulations and SBA policy.

Interpreted federal accounting guidance and advised SES-level leadership on the implementation of new financial reporting requirements.

Conducted in-depth analysis of financial statements, SOPs, and general ledger data to ensure accuracy, data integrity, and compliance with audit standards.

Collaborated directly with SBA's external auditors to support annual audit readiness and resolve reconciliation issues.

Designed and automated a suite of financial statement validations using USSGL crosswalks, serving as an independent quality check against SBA's official financial reports.

Developed a nightly monitoring routine in the FMS system to detect and alert users of unusual activity or data anomalies, automating quality assurance tasks previously done manually.

Delivered stakeholder presentations to demonstrate new QA tools, highlighting time savings and standardization benefits across departments.

Created an integrated crosswalk for SF132, SF133, and the Statement of Budgetary Resources, aligning with Treasury standards to support streamlined reconciliation and automated reporting from a centralized database structure.

***U.S. Small Business Administration – Programmatic Accounting Division
Account Technician / Accountant (GS-07 to GS-11) • Denver, CO • 2000 – 2004***

Processed, verified, and maintained loan accounting data for all SBA loan programs, ensuring accuracy and regulatory compliance.

Provided technical and administrative support to accountants during the development and maintenance of accounting systems and procedures.

Investigated and resolved discrepancies between subsidiary records and general ledger controls, improving data alignment and reporting accuracy.

Managed transaction processing for disbursements, refunds, and account servicing, including manual and automated updates to the general ledger.

Performed quality assurance on daily reconciliation reports, validating transaction register entries and identifying variances.

Verified data inputs to the agency's mainframe systems, ensuring system records and reports accurately reflected account changes.

Consolidated and analyzed financial information from multiple systems, including LAUD and the Master Loan File, to support reporting and reconciliation workflows.

***United States Marine Corps
Military Pay Technician – Audit Chief • Camp Pendleton, CA • Feb 1997 – May 2000***

Supervised a team responsible for auditing over 1,000 Service Record Books for military pay accuracy, resolving discrepancies and ensuring proper entitlements.

Developed a Microsoft Access database to track the audit progress of over 1,500 Marines, streamlining reporting and increasing audit efficiency.

Interpreted and applied Department of Defense pay regulations (e.g., DoD FMR Vol. 7a, JTR, MCTFS) to validate payroll accuracy and entitlements.

Managed and audited a bi-monthly payroll totaling over \$200,000, ensuring compliance with military pay policy and addressing discrepancies promptly.

Prepared documentation to resolve and escalate complex pay issues, contributing to improved service member satisfaction and administrative accountability.

Earned the **Navy and Marine Corps Achievement Medal** and **Certificate of Commendation** for exceptional service and leadership.

EDUCATION

Bachelor of Science, Computer Information Systems
Metropolitan State University of Denver — 2014

SKILLS

- ✓ SQL & PL/SQL Development (Oracle, SQL Server, MySQL, PostGres)
- ✓ Python Programming for Data Analytics & Extraction
- ✓ Experience with REST APIs utilizing JSON payloads for real-time communication between front-end and back-end services.
- ✓ Parsed and manipulated JSON data structures in Python to automate reporting workflows and data transformation tasks.
- ✓ Database Optimization & Stored Procedure Tuning
- ✓ ETL Concepts & Data Pipeline Design
- ✓ Database Optimization & Stored Procedure Tuning
- ✓ Audit Data Extraction & Reconciliation
- ✓ Data Analysis, Visualization
- ✓ Excel Automation (VBA, XML)
- ✓ Technical Leadership & System Integration
- ✓ Data Extraction Validation and Comparison