Rebeca Lackey

Application Developer/Data Engineer

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Highly skilled professional with over 20 years of experience in data processing, software development, and team leadership. Expertise in COBOL, Oracle 11g, Unix/Linux, .NET, and C# technologies. Proven ability to streamline processes, enhance data privacy compliance, and mentor teams to achieve business objectives. Dedicated to delivering tailored solutions that meet client needs.

Areas of Expertise

- Database Programmer
- Data Analysis & Reporting
- Scripting Languages Expertise
- System Testing & Documentation
- Agile & Scrum Methodologies
- Data Processing & Visualization
- Software Development Lifecycle
- Continuous Process Improvement
- Data Privacy Compliance
- Cross-functional Collaboration
- Risk Assessment & Mitigation
- Team Leadership & Development

Technical Proficiencies

Linux/Unix Systems, Shell Scripting, MS Office Suite, ETL/ELT, .NET Framework, PostScript, MS Visual Studio, DOS Batch Scripting, GMC Inspire, Oracle, VIPP, COBOL, C, C#, SQL, Perl

Professional Experience

Qualfon Corporation, Highland Park, MI
Application Developer   1997 – 2025
Oracle, SQL, Linux, Unix, .NET, C#, DOS, VIPP, COBOL, GMC Developer, Analyst, Data Processing

- Design, develop, and maintain database systems to support application and analytics requirements using Oracle PL/SQL.
- Enhanced application performance through rigorous code optimization techniques.
- Create output for the Digital Print department by planning and developing COBOL, Oracle PL/SQL and Linux applications.
- Understanding of Oracle database design, theories, and data retrieval procedures.
- Design, develop, and maintain Unix and Linux and C# programs that worked with SQL to create data files and reports.
- Create files and reports for client services using C# and SQL.
- Wrote Unix and Linux programs that managed files and directories used for archiving.
- Advanced experience in PL/SQL, including stored procedures and script optimization.
- Implemented agile methodologies to streamline project workflows and enhance team collaboration.
- Administered database management practices to maintain data integrity and optimize access speed.
- Oversaw the software development lifecycle, ensuring adherence to best practices from conception to deployment.
- I worked as part of the team that generated checks and labels for a pharmaceutical company. My part was to generate multiple files in different formats to feed different machines data to produce the checks and the labels. I pulled data from the database and formatted that data in ways that the machines accepted. I was also responsible for the reports that went along with the checks and labels.
- Another project I worked on was to generate letters and files for healthcare companies. I created files that were sent to GMC Inspire. From there, I created the letter that was printed on large room size printers. Part of that letter were 2D barcodes. Those barcodes were read by a machine that matched that letter to a record in a file that updated the database. I created the files for the machine to read that corresponded to the letters.
- Managed increased workload independently, streamlining task absorption post-restructuring.
- Led code conversion projects, migrating applications from VIPP to GMC, enhancing system efficiency.
- Automated reporting processes, developing SQL reports to replace manual tasks and improve accuracy.
- Standardized department procedures, fostering consistency in data management practices.
- Spearheaded application development for personalized marketing, reducing external agency reliance.
- Streamlined deployment process, reducing time to move code from Development/QA to Production by up to one day through Linux script creation and process automation.
- Built technical solutions that solved problems are reusable, scalable, fast, and maintainable.
- Migrated applications from COBOL to Linux and Oracle.
- Migrated applications from Linux and Oracle to .Net.
- Increased 25% team efficiency by mentoring and enhancing productivity of two staff members.

- Redesigned forms to reduce paper consumption by up to 33% and facilitated quicker access to essential information.
- Enhanced data and privacy protection compliance with HIPAA regulations by integrating 2D barcodes into documentation for improved tracking.
- Facilitated seamless system integration, ensuring interoperability across diverse platforms.
- Design, develop, and maintain GMC workflows.
- Convert Xerox VIPP programs to GMC workflows.
- Prepared documentation of program development.
- Work with client services department to ensure meeting the clients expectations.
- Worked with HIPPA protected data.

Certifications

Become a JavaScript Developer | LinkedIn Learning
HTML Essential Training | LinkedIn Learning
JavaScript: Ajax and Fetch | LinkedIn Learning
Developing for Web Performance | LinkedIn Learning
HTML Essential Training (2020) | LinkedIn Learning
JSON Essential Training | LinkedIn Learning
JavaScript: Classes | LinkedIn Learning
Learning App Building with Vanilla JavaScript | LinkedIn Learning
JavaScript: Closures | LinkedIn Learning
JavaScript Prototypes | LinkedIn Learning
JavaScript: Scope |LinkedIn Learning
Learning ECMAScript 6+ (ES6+) | LinkedIn Learning
Learning the JavaScript Language | LinkedIn Learning
JavaScript Essential Training | LinkedIn Learning

Education

JavaScript 2022 Path, Javascript: The Big Picture | Pluralsight.com
JavaScript 2022 Path, JavaScript Fundamentals | Pluralsight.com
Master of Business Administration | Rochat School of Business, Montreux, Switzerland
Advanced Degree Diploma in Global Business & Business Tools | Rochat School of Business, Montreux, Switzerland
BSCS in Computer Science with a concentration in Calculus, Cum Laude | Lawrence Technological University, Southfield, MI
Associate Degree in Information Technology, Cum Laude | Oakland Community College, Auburn Hills, MI
Associate Degree in General Studies, Cum Laude | Oakland Community College, Auburn Hills, MI