Contact

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Top Skills

webspeed
Debugging Code
PHP

Rob Morrow

Data Engineer at Rocket Mortgage
Avon, Ohio, United States

Summary

Experienced Engineer with a demonstrated history of creating custom technical software. Skilled in developing data pipelines across systems, automating manual user tasks and pushing the bounds of the status quo. Strong engineering professional and always learning.

Experience

Rocket Mortgage
9 years 8 months

Data Engineer at Rocket Mortgage
March 2023 - Present (2 years 7 months)
Avon, Ohio, United States

Create and build strong, flexible, and effective data pipelines on AWS using tools like Amazon S3, AWS Glue, and ETLs.

Build and maintain real-time and batch data processing systems to enable timely and accurate data ingestion, transformation, and loading from a variety of data sources.

Work together with data scientists and analysts to understand project requirements. Then, create organized and structured ways of storing the data for efficient analysis and reporting.

Monitor and troubleshoot data pipelines and ETL processes, ensuring data quality, integrity, and availability at all times.

Drive continuous improvement initiatives to optimize data engineering processes, enhance system performance, and reduce latency.

Lead efforts to constantly improve how we handle and work with data, making our systems faster, more efficient, and reducing any delays.

Document data engineering processes, systems, and workflows, and provide training and support to other team members as needed.

Software Engineer
February 2016 - March 2023 (7 years 2 months)
Avon, Ohio

Support and develop API framework solutions

Build data transfer pipelines between production servers and Data Warehouse

Design and build productivity tools by automating manual tasks with Python and JavaScript

Develop Progress OpenEdge Object Oriented and Procedural business critical programs

Design and build machine learning predictive modeling to gather future API visitors

Build front end interfaces utilizing JavaScript, PHP, HTML and CSS

AmeriMark Direct
Senior E-Commerce Web Programmer/Analyst Progress 4GL
February 2006 - February 2016 (10 years 1 month)
Cleveland/Akron, Ohio Area

Develop and maintain e-commerce websites utilizing Progress 11.3 and Openedge 10.

Optimize code using Progress compile utilities, decreasing load time of web programs and decreasing customer wait times.

Create unit testing procedures and programs/scripts to facilitate error free code development and future verification of modified code.

Implemented designs and provided administration tools in the form of homegrown CMS and documentation for specific projects and tasks for disaster recovery.

Review, analyze, and modify enterprise systems including testing, debugging and installing to support client/server software applications.

Design and modify database tables and fields from the Progress Data Dictionary.

Attended brainstorming sessions for creating new functionality to solve ever-growing needs of the marketing, customer service and social departments. Rewrite outdated code to these new standards for security and performance.

Meet with teams from all levels of management including the President and VPs.

Utilize Power Reviews and Core Metrics to resolve customer complaints with software and respond to suggestions for software modifications and/or enhancements.

Prepare documentation to insure and maintain the ability of the systems whether for operational support, disaster recovery, or technical specifications.

Create data feeds for B2B using APIs, cURL, XML, JSON and SOAP.

Charter One Bank
Progress 4GL Programmer
2001 - 2005 (4 years)
Cleveland/Akron, Ohio Area

Developed internal programming and systems in support of Consumer Lending Department including remote Loan Document Retrieval Intranet using Progress 8, Webspeed and HTML.

Performed analysis, design, and programming along the programming life cycle.

Implemented designs and documentation for specific projects and tasks from Stake Holders.

Reviewed, analyzed, and modified programming systems including encoding, testing, debugging and installing to support client/server software applications.

Resolved customer complaints with software and responded to suggestions for software modifications and/or enhancements.

Prepared documentation to insure and maintain the ability of the systems whether for operational support, disaster recovery, or technical specifications.

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Education

Cleveland State University

Louisiana State University
Certificate, Information Technology · (May 2023 - June 2023)

Udemy
Certificate, IoT Enabled Aeroponics using Raspberry Pi 3 · (January 2022 - January 2022)

Udemy
Certificate, Growing Microgreens for Business and Pleasure · (June 2020 - June 2020)

Udemy
Deep Learning · (2018 - 2019)