Mila Allen

Senior Python Developer | SQL Expert | ETL Specialist

@ Email   🔗 linkedin.com   📍 Seattle, Washington

SUMMARY

Dedicated Python Developer with over 7+ years of extensive hands-on experience. Specialist in SQL database programming and ETL process optimization. Proven history of applying advanced PySpark and Agile methodologies in data engineering projects.

EXPERIENCE

Senior Python Developer

Amazon

📅 2017 - Present   📍 Seattle, Washington

Managed development and implementation of Python-based solutions

- Accomplished complete refactoring of a critical legacy system, enhancing process efficiency by 35%
- Developed robust ETL workflows using Python, resulting in data update frequency improvement by 20%
- Optimized SQL queries and stored procedures, reducing database load by 25%
- Re-engineered PySpark jobs to improve processing time by 40%

Data Engineer

Microsoft

📅 2014 - 2017   📍 Redmond, Washington

Facilitated data extraction, transformation, and loading processes

- Developed ETL workflows with Python to combine data from diverse data sources, improving data quality by 30%
- Introduced Agile/Scrum methodologies increasing team productivity by 20%
- Enhanced SQL database performance tuning, reducing database response time by 15%
- Managed and optimized a range of databases including SQL Server, Oracle, and Postgres, leading to robust data structure

Python Developer

Expedia Group

📅 2011 - 2014   📍 Bellevue, Washington

Developed web applications and systems with Python

- Improved web application performance by 30% by optimizing code and reducing Python errors
- Implemented SQL views, functions, and triggers to manage data
- Gained experience working with ETL tools like Pentaho and Datastage, improving software development lifecycle
- Worked across diverse databases including Sybase, mastering database management

STRENGTHS

⚡ **Technical Proficiency**

Extensive experience with Python and SQL, continuously improving processes and operations, most notably reducing database load by 25% at Amazon.

🥇 **Data Engineering Expert**

Excelled in complex data engineering projects using PySpark, improving processing time by 40% at Amazon.

⭐ **Agile Methodology**

Introduced Agile/Scrum methodologies at Microsoft, contributing to a 20% increase in team productivity.

SKILLS

Python   ETL   SQL

Database Programming   Pyspark

Data Engineering   Postgres

SQL Server   Oracle   Sybase

Pentaho   Datastage   Informatica

Agile/SCRUM

CERTIFICATION

Professional Certificate in Python Data Structures

Coursera

Certification in PySpark Operations

Udemy

EDUCATION

Master's Degree in Computer Science
University of Washington
📅 2009 - 2011   📍 Seattle, Washington

Bachelor's Degree in Computer Engineering
Oregon State University
📅 2005 - 2009   📍 Corvallis, Oregon

LANGUAGES

English
Native   ●●●●●

INTERESTS

⚡ **Continuous Learning**
I am passionate about continuous learning and always staying updated in the fast-evolving tech industry.

🪄 **Data Analysis**
I have an inherent interest in data analysis and how it drives decisions and impacts businesses.