

KACPER DUDZINSKI

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SUMMARY

Data Engineer with 4+ years of experience building and maintaining data pipelines in AWS. Skilled in Python, SQL, and cloud-based ETL tools including Glue, Redshift, and Spark. Experienced in processing large-scale datasets (100M+ records) for financial services applications. Passionate about AI/ML and leveraging LLM-assisted development to build faster and smarter.

TECHNICAL SKILLS

Languages: Python, SQL, Kotlin

AWS: Glue, Redshift, S3, Step Functions, EC2, CloudWatch

Data & Tools: Apache Spark, ETL Pipelines, Git, GitLab, Parquet, Data Modeling

AI Development: Claude, Cursor, GitHub Copilot, LLM-assisted development workflows

EXPERIENCE

Software Developer | Fannie Mae

Mar 2021 – Present | Chicago, IL (Hybrid)

- Build and maintain data pipelines using Python, SQL, and AWS (Glue, Redshift, S3) for loan calculation and F3 forecasting systems
- Standardized Redshift and Glue table configurations to improve data accessibility and query performance across S3 data lake
- Develop and optimize Spark jobs running on EC2 instances, orchestrated via AWS Step Functions for daily batch processing
- Process and validate datasets containing hundreds of millions of loan records for analytics and reporting
- Execute and monitor daily Step Function workflows, troubleshooting pipeline failures and data quality issues
- Restructured team Git repository to eliminate duplicate code and improve version control practices
- Initiated automation efforts to reduce manual testing and deployment overhead

Software Developer (Training Program) | Revature

Sep 2020 – Mar 2021 | Remote

- Completed intensive full-stack development program focused on Java, Angular, and enterprise software practices
- Built full-stack web application (game library platform) demonstrating REST API development and frontend integration

PROJECTS

Remindr | Kotlin, Android Studio | github.com/kadspace/remindr

- Developing Android productivity app combining calendar and reminder functionality with focus on clean UX
- Implementing modern Android architecture patterns and exploring AI-powered smart reminder suggestions

EDUCATION

Bachelor of Arts in Computer Science & Mathematics | University of St. Francis

2016 – 2020 | Joliet, IL