

Jasmine Jiang

DATA ENGINEER and SOFTWARE DEVELOPER

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TECHNICAL SKILLS

AWS, Python, Git, Pandas, NumPy, SQL, React, HTML, CSS, GenAI, JavaScript, Java, Spring

EXPERIENCE

Cognixia	Remote
<i>Python Developer (Data Engineer)</i>	December 2023 - Present
<ul style="list-style-type: none">Technical Articulation – Generation of ETL Pipelines via Scrum, including data extraction, cleaning, transformation, and loading into a SQL databaseData Analysis – Validated and analyzed real-world datasets with PandasCloud Computing – Developed a database on Amazon Web Services and utilized its data analytics services to draw conclusions	

Revature	Remote
<i>Java Intern (Backend Developer)</i>	November 2023 - January 2024
<ul style="list-style-type: none">Developed programming skills in Java, SQL, RESTful API construction and Spring frameworkImplemented project work including construction of functional REST APIsLeveraged Java APIs to write algorithms to solve various challenges and problem sets	

TECHNICAL PROJECTS

Respiratory Illness ETL (Scrum Master) Python, SQL, AWS GitHub Link Analysis Results	February 2024
<i>Extract-Transform-Load pipeline using AWS to download, parse, clean, and upload data to cloud RDS</i>	
<ul style="list-style-type: none">Worked with developer scrum team to set up AWS-based pipeline triggered by file upload to S3 bucketWrote Python function in AWS Lambda to process data from file and upload it to AWS RDSCreated visualizations and analysis with data pulled from RDS and displayed results on EC2-hosted webpage	

AMZN Stocks ETL Python, Pandas, SQL GitHub Link	February 2024
<i>Extract-Transform-Load pipeline written in Python to retrieve live data from API and conduct visualization and analysis</i>	
<ul style="list-style-type: none">Worked with developer scrum team to process updated JSON data into cleaned and merged dataframes via PandasImplemented check on incoming data to ensure only most-recent non-duplicates were inserted into databaseLoaded clean data from database for visualization and analysis	

ScribbleSpark HTML, CSS, React, PostgreSQL, Flask, Python GitHub Link Demo	September 2023
<i>A full-stack web app where users can create accounts via a username and password, post responses to admin-created writing prompts, and reply to and favorite other users' posts</i>	
<ul style="list-style-type: none">Developed front-end with React, back-end API with Flask and SQLAlchemy, and database with PostgreSQLEmployed React routing for a fast and responsive user experienceImplemented input validation via Formik and Yup libraries for account creation, login, and post functionsUsed state variables to vary appearance of website depending on login status and user account type	

EDUCATION

AWS	
<i>AWS Cloud Practitioner</i>	March 2024

Flatiron School	New York, NY (remote)
<i>Software Development Bootcamp</i>	October 2023

Kenzie Academy from Southern New Hampshire University	Indianapolis, IN (remote)
<i>Cybersecurity Fundamentals Certificate</i>	November 2022

Vassar College	Poughkeepsie, NY
<i>Bachelor of Arts</i>	May 2017