

CHASE F. CONOVER

Wenonah, NJ 08090 | 856-628-7899 | chase.f.conover@gmail.com | linkedin.com/in/chase-conover

SUMMARY

Software Engineer with 3+ years of experience working with production relational databases, cloud-native systems, and data-driven applications. Strong background in SQL, data modeling, schema governance, and Python-based analysis. Proven communicator who collaborates closely with business and technical stakeholders to deliver reliable, well-documented data solutions

PROFESSIONAL EXPERIENCE

JPMorgan Chase — Software Engineer July 2022 – August 2025

Data, SQL, and Database Architecture

- Regularly queried and analyzed **production PostgreSQL databases** to investigate data issues, validate business logic, and support operational and product teams
- Designed and maintained **relational data models**, including primary keys (e.g., funding order IDs), foreign keys (funding source IDs), indexes, and table partitions based on data lifecycle (historical vs. mutable records)
- Implemented and governed **schema changes using Liquibase**, authoring DDL and migration scripts that were reviewed and approved through formal data governance processes
- Reviewed existing data models for correctness, performance, and compliance with enterprise standards before production rollout
- Created and maintained **shared SQL query libraries** used by multiple teams for reporting, validation, and operational troubleshooting, accompanied by clear internal documentation

Testing, Validation, and Quality

- Built automated test cases that included **SQL-based validations** to verify database state, data integrity, and downstream effects of application changes
- Analyzed and documented test results to ensure technical and business requirements were met across development and production environments

Python & Data Analysis

- Used **Python** to parse Excel datasets, scrape and normalize external data sources, interact with third-party APIs, and generate datasets for analysis
- Analyzed medium-sized datasets and produced visualizations to identify trends, validate assumptions, and support decision-making

Communication & Collaboration

- Worked closely with business partners, product owners, and IT teams to gather requirements, explain data structures, and translate business needs into technical solutions
- Clearly communicated findings, data issues, and proposed solutions to both technical and non-technical stakeholders

EDUCATION, CERTIFICATIONS, & TECHNICAL SKILLS

Education: Virginia Tech, B.S. in Computer Science, Minor in Cyber Security

Certifications: AWS Certified Developer Associate, HashiCorp Certified Terraform Associate

Languages: Java, Python, C#, C, JavaScript, PostgreSQL

Database: Relational Data Modeling, Schema Design & Migration (Liquibase) Data Validation, Data Governance