Quoting more than $3.5 billion annually, ICW Group Insurance Companies is the largest privately held insurance company domiciled in California. I develop and maintain the logic for pricing our workers compensation line and work closely with various departments such as DevOps, DBA, and Underwriting to ensure timely and accurate production releases. I also conduct various analyses to ensure our rates are fair and reflect the latest trends. I have built several applications to automate much of my department's tasks and to facilitate handling large amounts of data using various languages such as Java, Python, R, SQL, VBA, Batch scripts, etc. I'm also currently developing for our XML and Excel based pricing API, building out JSON test cases for our QA work using Postman, assisting our development team in porting existing code from various languages to Java, debugging and implementing fixes for our nightly SQL ETL pipelines, and a host of other responsibilities.

* Designed and built ETL application in VBA using Factory and Reflection Patterns to process over 30 excel tables of varying dimensions and locations for upload to a normalized SQL database
* Debug SQL ETL processes with over 15,000 lines of code
* Debug and implement fixes for Java-based pricing system
* Pair-program with other Java developers to port insurance pricing application ground up
* Design JSON test samples for testing webservices using Postman
* Work with end users on defining SRS for new implementations
* Train new and rotational staff on writing clean and reuseable code

Gamestop is the world's largest video game retailer. I learned alot of my soft skills during my time here. I was promoted early on due to my high magazine subscription rate and became quickly known as a top performer. I was also known to minimize much of our shrink moves/losses by keeping tight track of our inventory.

* Consistently ranked in top 10% of magazine subscription and game reservation sellers in the district
* Store ranking rose from 4000s to 1000s over the course of a year

Atlassian JIRA, Command Line Interface (CLI), Docker (Software), Dock Management, Flask (Web Framework), Git, GitHub, GitLab, Java, Java APIs, Java Software Development, JSON APIs, Microsoft Excel Automation, Microsoft Excel VBA Programming, MS SQL Queries, Python (Programming Language), Relational Database Management System (RDBMS), RESTful APIs, R Software, R-Studio, SOAP APIs, Structured Query Language (SQL), Structured Query Language (SQL) Development, Windows Command Line Interface, XML Schema

Volunteered to serve as subject matter expert and assist developers in porting existing code to Java and build out workers comp pricing API

* Port insurance pricing application of 40+ Excel sheets and VBA API to Java REST API using SpringBoot Framework
* Design and normalize 40+ SQL tables to support pricing application
* Utilize Factory and Reflection patterns in VBA to implement ETL process in order to automate regular table updates of unknown sizes
* Developed automated ETL pipeline to random sample and batch process 21,000 XMLs at a time for multiple models, reducing server usage by over 90%