

Nick

Software Engineer | Data Engineer

Data engineer with experience translating legacy SAS and SQL projects into cutting-edge Python and PySpark solutions within AWS EC2. Proven leader in implementing unit testing standards, managing data creation for key insurance deliverables, and building modular solutions for department-wide tasks. Adept communicator and leader, consistently collaborating with stakeholders across organizations to meet deadlines. Possesses strong problem-solving, analytical skills, and a commitment to customer and team success.

- **Languages:** Python | React | Java | Ruby | JavaScript | MySQL | HTML | CSS.
- **Data Storage:** Snowflake | SAS | S3 | Amazon RDS.
- **Version Control:** Git | Bitbucket.
- **Data Visualization Tools:** Tableau | Looker | Excel.
- **Cloud:** AWS | Azure.
- **Microsoft Office Suite:** Word | Excel | PowerPoint | Access | Outlook.

Professional Experience

Liberty Mutual Insurance, Seattle, WA/Remote

April 2022 - December 2023

Data Engineer

- Translated legacy projects written in SAS and SQL to modern Python and PySpark projects run in AWS EC2.
- Led the implementation of unit testing standards and practices for an internal Python library
- Managed the data creation and delivery of key insurance deliverables used for advanced pricing models.
- Built and tested modules and functions used across the department for important day-to-day tasks.
- Established requirements and met deadlines by regularly connecting with stakeholders.

Nike (Via Future State Consulting), Portland, OR

November 2020 - April 2022

Data Engineer

- Developed and maintained an array of diverse, end to end data collection pipelines.
- Wrote Python scripts to automate ETL processes across thousands of rows of data, generating key metrics.
- Built a production relational database, hosted on AWS, to track labor cost and efficiency across Nike.
- Worked to establish data integrity and single sources of truth, accessible and trusted by Nike Global Tech.
- Led the configuration of all third-party applications and tools including AWS, Azure, Box and Smartsheet.

OpenSesame, Portland, OR

April 2020 - November 2020

Product Support Engineer (Tier 3)

- Provided fanatical customer service and technical support to both customers and internal team members.
- Utilized Looker to create database lookup tools, as well as ad hoc reports on actionable product usage data.
- Provided creative and technical solutions to implement both immediate triage and longer-term solutions.
- Wrote extensive MySQL queries to make production database updates, remedying sprawling client issues.
- Built an internal application to provide a GUI and automation for otherwise manual database updates.

ClearlyRated, Portland, OR

October 2019 - April 2020

Software Engineering Intern

- Analyzed software requirements to determine feasibility of design within time and cost constraints.
- Wrote Java back-end code for multiple MVC applications.
- Updated and maintained front-end HTML and JavaScript for client facing, production applications.
- Responded to internal support tickets with SQL queries for immediate and thorough database updates.
- Authored extensive unit tests, contributing to a dev team standard of over 80% unit test coverage.

ClearlyRated, Portland, OR

March 2017 - October 2019

Customer Success Research Analyst

- Led data cleaning, processing and analysis of 100,000's of data points to provide key, analysis-supported recommendations to fortune 500 c-suites.
- Was a key contributor to a customer success department that provided world-class service (88% NPS), while maintaining 101% net revenue recognition and a gross margin of 78%.
- Developed software tools, and documentation to cross-train teammates of all skill levels.
- Fully managed prominent research projects including scheduling, client communication, quality checks, deliverable design, and client presentations.
- Created improved visualizations built in R and fully functional, client facing Tableau dashboards.

Education

Ruby and React Web Development Bootcamp

June 2019 - October 2019

Epicodus, Portland, OR

Bachelor of Business Administration (BBA), Marketing

August 2012 - May 2016

University of Portland, Portland, OR