

SUMMARY

Detail-oriented, customer obsessed Software Developer with 2 years of professional experience innovating, testing, and maintaining cloud computing data storage solutions. Proficient in Python, Postgres and debugging multi-process systems. Passionate about learning & automating.

SKILLS

Proficiently confident in: Python, Postgres, SQL, AWS, Jenkins
Familiar with: C++, JavaScript, React, Docker, Swift, HTML, CSS
Other skills: Debugging, Mentoring, Collaborating

WORK EXPERIENCE

Software Development Engineer / AWS Redshift / June 2023 – November 2024

- Enhanced a Python tool used for interacting with DynamoDB, achieving a 50% performance improvement through code optimization and efficient resource utilization
- Implemented SQL-based solutions to visualize metrics and monitor the performance of existing systems
- Contributed to the successful migration of Python 2.7 to Python 3.8 by refactoring code, resolving compatibility issues, and ensuring seamless functionality across the codebase
- Established new test frameworks for new features ensuring feature stability using python libraries
- Utilized the automated testing framework, Jenkins, to help streamline development and ensure bug free, production-ready systems
- Mentored new junior engineers on debugging and best practices, fostering team growth and collaboration
- Collaborated across various teams to resolve critical bugs, stabilizing existing systems and ensuring high quality products

Software Development Engineer Intern / AWS Redshift / June 2022 – Sept 2022

- Designed and established a comprehensive testing infrastructure from scratch for a significant feature, streamlining multiple production operations. Utilized Python in conjunction with custom Python classes to build the infrastructure, and automated the testing process through Jenkins integration.
- Implemented a project that aimed to collect benchmark evaluations and analysis on existing AWS database optimizers using Python, AWS S3, AWS CLI, Jenkins, multithreading and database queries
- Participate in daily stand-ups, code reviews, and brainstorming sessions with engineers throughout my organization to ensure seamless integration of my project's development

EDUCATION

B.S. Computer Science

University of Washington – Seattle, WA
Graduated: March 2023