RENISE BLACK

SUMMARY

Results-driven software engineer with strong analytical and problem-solving skills, I bring proficiency in multiple programming languages and a comprehensive understanding of the software development life cycle. Committed to continuous improvement, I stay abreast of emerging technologies and industry trends. Seeking a challenging and dynamic software engineering role to leverage my technical skills and passion for creating robust software solutions.

SKILLS

- **Programming**: Full SDLC, Java, Python, XML, JSON, YAML, CSS, HTML, Ruby, TypeScript, JavaScript, OOD, Data Structures, REST, LangGraph, Google Gen AI, Embeddings
- **AWS**: CDK, Cloud Formation, DynamoDB, S3, IAM, CloudWatch, Lambda, CloudTrail, CLI, EC2, ECS, AppConfig
- **DevOps**: Git, Continuous Integration, Continuous Deployment, Change Management, Host Management, VIP Management, DNS Configuration, System Administration
- **Non-Technical**: Technical Writing, Project Management, Ownership Mentality, Continuous Learning, Problem Solver

EDUCATION

- Amazon Technical Academy, Software Development Engineer – Remote, 2021
- Georgia State University, Master's of Business Administration - Atlanta, 2006
- Georgia State University, Master of Science, Human Resources - Atlanta, 2006
- Syracuse University, Bachelor's of Science, Mathematics - Syracuse, 1995

PROJECTS & TRAINING

Google Gen AI 5-Day Intensive – 2025

- Coursework: Foundational LLMs, Prompt Engineering, Embeddings, Vector Datbases, Generative Agents, Domain-Specific LLMs, MLOps for Generative AI, Capstone Project

Data Camp – 2023-Present

- Python: Python OOP, Python Developer, Regex, APIs, Testing, Pandas, Numpy, Packages
- Data Analyst: Hypothesis Testing, Sampling, Exploratory Analysis, Web Scraping, Data Visualization

POST-HIATUS

DATA ANNOTATOR, DATA ANNOTATION TECH; REMOTE – 2023-2024

- Provide meticulous analysis and labeling of a wide range of data types
- Contribute actively to the training and development of cutting-edge chatbots.
- Demonstrate high proficiency in research, writing, and sound judgment.
- Perform tasks to train ML models across a broad range of subjects.
- Participate in survey-style projects to complete tasks based on the models.

SOFTWARE DEVELOPMENT ENGINEER, AMAZON; BELLEVUE, WA – 2021-2023

- Back-end developer for distributed services in multiple AWS regions
- Maintained critical back-end services handling over 500,000+ transactions per second.
- Analyzed and enhanced tier-1 services for peak performance.
- DevOps support with a focus on continuous integration and deployment.
- Led API migrations from legacy infrastructure to the native AWS platform.
- Supported four tier-1 and over 6 tier-2 services spanning three regions globally.
- Spearheaded throttling implementation to strategically prepare for traffic migration.
- Successfully led phase one of load balancer migration from Netscaler to Tardigrade ALB.

PROFESSIONAL HIATUS

LEARNING COORDINATOR, AMAZON; SMYRNA, GA – 2019-2020

- Responsible for high-level program facilitation and administrative management
- Worked with Operations, Area Managers, DSP Managers, Dispatchers, Drivers, and Sort Associates.
- Coordinated training activities site-wide to include new hire onboarding and orientation.
- Provided security administration and technical support as needed.
- Executed learning-related audits and reporting to track performance, assess needs, and identify retraining.
- Led Ambassador 101 Program 2020 site-wide implementation and training.

TEAM MANAGER, PACES CLUB PIRANHAS; ACWORTH, GA – 2015-2020

- Managed all areas of a summer swim team organization
- Orchestrated comprehensive management across all facets of the program
- Supervised all in-water training for swimmers including hiring coaching staff.
- Developed an exercise program to improve swimmer fitness and performance.
- Developed a beginner swimmer program emphasizing water safety for children in the community.
- Directed a merger in 2017 seamlessly integrating coaching staff and swim meets across two locations.
- Implemented effective recruitment and supervision strategies for all families and student-volunteers volunteers.
- Grew team roster by 55% from 55 to 80+ swimmers and established a solid financial foundation.
- Administered swim management software and took charge of all team marketing, communications, and registration.

EDUCATION FACILITATOR, HOMESCHOOL; ACWORTH, GA – 2012-2022

- Developed a project and mastery-based homeschool curriculum to foster independent learning
- Conducted meticulous curriculum research, planning, and execution tailored to meet the needs of each learner.
- Planned, prepared, and executed all learning ensuring a comprehensive and effective educational experience.
- Monitored and augmented learning continuously through assessments, assignments, and feedback.
- Integrated technology-based and traditional learning methods to encourage and maximize knowledge and skill acquisition.

OTHER TECHNICAL SKILLS

- Database Administrator, Renaissance Reinsurance, Roswell, GA
- IT Support, Phelps Dodge Corporation, Marietta, GA