Nya James

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Education

Wake Technical Community College, A.A.S in Computer Programming and Development   GPA: 3.2/4.0

- **Coursework:** Operating Systems Concepts | Network and Security Foundation | Info Sys Business Concepts | Cloud Application Development
- **Certifications:** Information Technology Specialist - Python, Certiport/Pearson (Jul. 2023)

Experience

Independent QA Contractor, Confidential Software Client – Raleigh, NC   Jul. 2024 – Mar. 2025

- Performed hands-on quality assurance testing across multiple software projects under NDA.
- Collaborated with teams to identify problems and improve software functionality.
- Delivered clear and concise bug reports and documentation using Java and Excel.

Projects

Cloud Network Security Configuration, Linux Virtual Machine (VMWare) | AWS   May, 2024

- Secure access to cloud infrastructure configured and tested using AWS services.
- Designed and implemented security groups and network ACLs to manage inbound/outbound traffic for EC2 instances.
- Applied least-privilege access principles, allowing necessary IPs and ports such as SSH, HTTP/HTTPS, etc.
- Used VPC flow logs to monitor and verify security rule effectiveness.

Local Task Organizer Application, Swift | SwiftUI | SwiftData | SQLite   Mar. 2025

- Developed an iOS to-do list app using Swift, allowing users to create, update, delete, and organize tasks, dynamically sorted by ascending due dates.
- Implemented Swift Data to manage task persistence (title, description, due date/time) within a local SQLite database.
- Enhanced user experience by adding custom Calendar views and Category Folders, improving task organization and navigation.

Library Management System, Python | Django | SQLite | Google Books API | HTML/CSS | JavaScript | Pytest | Robot Framework, Postman   Dec. 2024

- Designed and executed unit tests and automation scripts using Pytest, Robot Framework, and Postman to validate Google Library API endpoints and core functionality.
- Built user authentication, book search, detailed display pages, and comment features using Django's ORM and templating engine to optimize usability and data management.

Technologies

Programming Languages: Python | Java | HTML | CSS | JavaScript | Swift/SwiftUI | SQL

Frameworks and Libraries: Flask | Django | Selenium | Pytest | Robot Framework

DevOps and Tools: AWS | Docker | VMware | Postman