

Nadine Whitfield

FullStack Software Engineer

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- ❖ Microservices
- ❖ REST APIs
- ❖ Git
- ❖ noSQL
- ❖ STEM Outreach
- ❖ Software Architecture

- ❖ Spanish
- ❖ Scrum
- ❖ Python
- ❖ .NET
- ❖ Javascript
- ❖ Performance

- ❖ BDD
- ❖ Java
- ❖ CI/CD
- ❖ Amazon Web Services
- ❖ SQL
- ❖ Ethical Hacking

EXPERIENCE

Contract - NIKE World Headquarters, Portland Oregon

Application Engineer, Architectural Enablement Team - Feb 2017 - present

- Developing programmable model of nike.com Order Capture System
- Building test data generation tools in Python
- Developing and deploying AWS cloud applications
- Developing automation for Delphix and Docker containers

Contract - NIKE World Headquarters, Portland Oregon

Java Application Engineer, Nike+Link Team - Aug 2016 - Jan 2017

- Optimized performance of DynamoDB queries
- Implemented API tests using cucumber, junit, gatling
- Designed iOS-specific backend service to improve performance
- Researched Internationalization and Localization for of Nike APIs

Contract - NIKE World Headquarters, Portland Oregon

Java Performance Engineer, Feeds, CDS, Social Teams - Jun 2014 to May 2016

- Built custom dashboards in New Relic and Splunk
- Designed and built Jenkins pipeline to generate 100k+ test records for performance testing
- Implemented first fully automated Jenkins-Gatling-Gradle scripts at Nike
- Developed assessment heuristic and repeatable test process for evaluation of Cassandra queries and data models

Contract - Usana Health Sciences, Salt Lake City UT

Java Test Automation Engineer - Feb 2014 to Jun 2014

- Developed test framework for front end testing of enterprise Java web built with ajax, servlets, dynamic html, tabbed navigation, screen sequences, media and SOAP web services.
- Pro-bono development of reporting solution for Society of Women Engineers to quantify and visualize volunteer hours spent on K-12 STEM outreach in 4 states.
- Wrote bash scripts to deploy and configure test web apps running on Tomcat, reducing setup time by 66%.

Contracts - Intermountain Healthcare, Attensity

QA Test Engineer - July 2012 to Dec 2013

- Implemented automation script for test lab machines to detect installed desktop software and components, reducing test environment setup time by 11%.
- Built regression test tool for web services that reduced execution time by 75%.
- Test Design for Electronic Doctor Orders and Electronic Knowledge Base
- Developed best practices for testing Windows upgrades (XP to Windows 7)

L3 Communications West, Salt Lake City UT

Developer - .NET / System Analyst - April 2006 to July 2012

- Developed full stack workflow application to automate closure of IT accounts for departing employees. Reduced time required for checkouts by 75%.
- Collaborated with DBAs to identify and analyze long-running batch SQL Server process. Made changes to improve performance by 10%.
- Developed prototype database for Salt Lake Eye Associates to help eye surgeons calculate settings for LASIK and PRK surgery.
- Developed ETL application for Human Resources to securely transfer records from Ceridian to third party vendor site
- Implemented new features for portal application automating tracking of \$100000 in employee

education reimbursements

Neumont University, Salt Lake City UT: Adjunct Instructor: July 2006 to August 2009

California Air National Guard: Traditional Reservist, 1995 - 2004

EDUCATION

- **Certifications:** Ethical Hacker Certification (2015). Microsoft Certified Application Developer: (2006)
- **Neumont University:** BS Computer Science 2006, Honors.
Recruited by University President as first Resident Assistant of Student Housing.
- **Coursera:** Full Stack Development Specialization (Javascript, HTML5, CSS, Bootstrap , Automation, Angular2, Ionic, NodeJS, MongoDB)

COMMUNITY & PROFESSIONAL INVOLVEMENT

- **Society of Women Engineers:** Leadership positions from 2006 to 2015. Individual STEM presenter.
- **IEEE Computer Society, PyLadies, Gatling Users Group, GitHub:** Active member
- **Spanish:** read, write and speak with intermediate fluency