# **Andrew Nixdorf**

Lead SDET • QA Automation • AI + AWS

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## **PROFESSIONAL SUMMARY**

Problem-solver and master test crafter. Lead SDET at Zywave. AWS and Katalon Studio Enthusiast. My passion leads me to build resilient CI/CD pipelines, architect AI-powered testing strategies, and deliver quality products.

## **PROFESSIONAL EXPERIENCE**

Lead SDET - Zywave (2023 — Present)

• Built test automation solutions using Java, JavaScript, Selenium, Katalon Studio and AWS

• Designed load testing strategies for high-traffic insurance platforms

• Implemented AI-driven defect discovery across multiple products

• Leading QA transformation initiatives and mentored junior SDETs

• Architected Selenium Grid testing environments on AWS infrastructure

Lead Organizer - /dev/reno (2023 — Present)

• Organize monthly tech lightning talks

• Coordinate developer community in Reno, NV and promote networking events

• Manage speaker outreach and build relationships

• Hosted workshops and shared key skills about software engineering and testing

Senior Software Testing Engineer - Previous Technology Roles (2019 — 2023)

• Specialized in automation and performance testing frameworks

• Developed testing infrastructure and CI/CD pipeline integrations

• Built comprehensive QA automation frameworks across multiple platforms

• Led testing initiatives for various technical products and services

## **KEY PROJECTS**

AWS Core Modules (Terraform)

Core Terraform modules for secure multi-account AWS infrastructure including VPC networking, IAM role-based access, AWS Config compliance monitoring, and MFA-enabled security controls.

Technologies: Terraform, AWS, IAM, Multi-Account Strategy, Security & Compliance

AWS Kickstarter Pro

Professional Terraform toolkit for provisioning secure AWS accounts with best practices, featuring role-based access (DevOps, PowerUser, Developer), VPC DMZ networking, and MFA-enabled infrastructure.

Technologies: Terraform, AWS, IAM, VPC, MFA Security, Multi-Account Setup

Katalon AWS Workshop

Multi-project Gradle repository demonstrating Katalon Studio integration with AWS services, featuring SecretsManager integration, Docker networking, and custom AWS testing keywords.

Technologies: Katalon Studio, Groovy, Gradle, AWS, Docker

## **CERTIFICATIONS**

AWS Certified Cloud Practitioner

Amazon Web Services - April 2018

CompTIA A+

CompTIA - May 2008 — May 2011

## **CORE TECHNOLOGIES & SKILLS**

SDET, /dev/reno, Katalon Studio, Playwright, Cypress, AWS Bedrock, RAG, DevSecOps, Docker, Terraform