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   2023 — Present
Zywave

- 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   2023 — Present
/dev/reno

- 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   2019 — 2023
Previous Technology Roles

- 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

CERTIFICATIONS

AWS Certified Cloud Practitioner   April 2018
Amazon Web Services

CompTIA A+   May 2008 — May 2011
CompTIA

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.

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.

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.

Katalon Studio   Groovy   Gradle   AWS   Docker

CORE TECHNOLOGIES & SKILLS

SDET   Katalon Studio   Playwright   Cypress   AWS Bedrock   RAG   DevSecOps   Docker   Terraform   Java   JavaScript

Selenium   CI/CD Pipelines   Load Testing   AI-Driven Testing