



ABOUT ME

Automation Engineer and Software Quality Assurance expert specializing in Automation Architecture, Test Strategy and Planning, Documentation, QA/TDD/BDD Methodologies with a strong focus in Design, Leadership/Mentorship, UI/UX + API + Back-End Testing, Cross-System Integrations, Agile/Scrum with full SDLC coverage.

Metaphorically speaking, I am "IT Duct Tape" – incredibly useful, immensely versatile, strong yet pliable, binds things together, and something every team can't live without.

CONTACT

PHONE:
404-353-2519

LINKS:
[LinkedIn](#) | [GitHub](#) | [Website](#) | [Other](#)

EMAIL:
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EDUCATION

Kennesaw State University
[Aug 2012] to [Dec 2015]
B.B.A. Information Systems (3.6)

Auburn University
[Aug 2004] to [May 2005]
Marketing | Football Walk-On

KEITH HUDSON

SOFTWARE QA ENGINEERING EXPERT

WORK EXPERIENCE

[Silvergate Capital] [Software QA Engineer II] > [Software QA Engineer III]
[Aug 2021] to [Present]

- Automated 200+ test cases (UI/UX:Web | JS/SQL/Git) & Integrated 250+ test cases (API: Postman/SoapUI | .NET/JSON/Git), increasing work capacity 16% by reducing over 32hrs of manual testing per release.
- Implemented multi-envt nightly Regression and bi-weekly E2E CI/CD pipelines (QA/STG/API), reducing environment downtime via early alerting by 30%.
- Client Onboarding automation eliminating 1.5hrs manual work per user.
- Completed 7 key POC's, including early adoption and implementation of Wiki Standardization, BDD, NameMapping, ReadyAPI, ADO Test Analytics Dashboard LoadRunner, ADO Test Leverage.

[RaceTrac Petroleum] [QA Analyst] > [QA Engineer] > [Senior QA Engineer]
[Jun 2015] to [Aug 2021]

- Wrote and automated 450+ test cases (UI/UX:Web | JS/SQL/TFS), reducing over 45hrs of manual testing per release and improving test coverage by 400%.
- ADA automation improved Accessibility test coverage by 90%, eliminating 2hrs manual work per release.
- Embedded Systems QA Test Lead for SCO roll-out of FastLane Self-Service (NCR).
- OLO automation (PROD) increased store alerting and upgrade efficiency by 90%, reducing 2hrs manual work per release per store (750+ stores).
- Avalara (tax) automation improved test coverage by 99%, creating and processing over 15k transactions for Settlement validation.
- Lead, onboarded, and trained 3-5 onshore & 10-15 offshore QA Analysts and Engineers across multiple project teams and QA disciplines.

[RTI, Inc.] [QA Intern] > [Junior QA Analyst] > [QA Analyst]
[Jan 2014] to [Jun 2015]

- Converted and migrated 250+ automated test cases (UI/UX:Desktop | VB/SQL/TFS) from QTP to TestComplete.
- Successfully tested and launched company's 1st cloud based SaaS platform.
- Wrote over 150+ manual test cases and formally documented company QA standards and strategies.

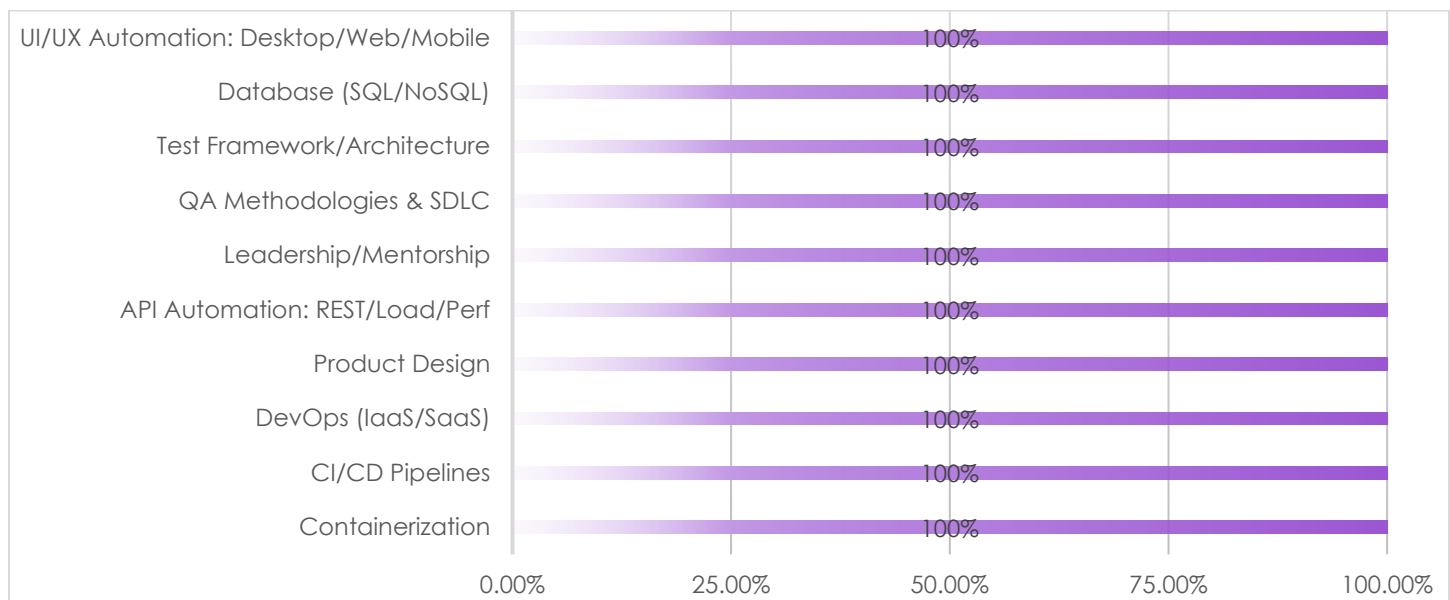
[Department of Defense] [Parachute Rigger - 82nd Airborne]
[Oct 2008] to [Jul 2012]

- Selected for Airborne Special Operations Parachute Test Facility (top 3 of 2,500).
- Operation Enduring Freedom and Operation Unified Response.

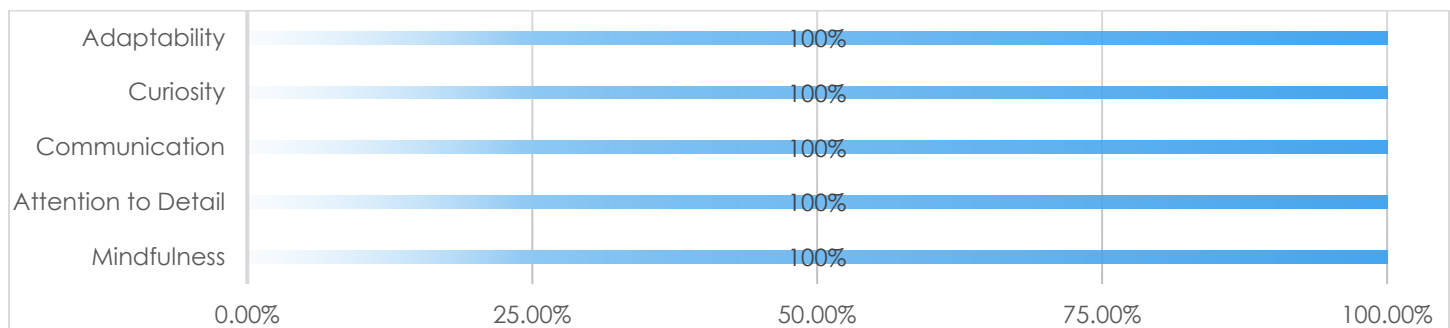
CERTIFICATIONS/HONORS (GOOGLE DRIVE)

- 🏆 Certified Scrum Master (CSM®)
- 🏆 HarvardX CS50
- 🏆 Web Accessibility (ADA)
- 🏆 7 Certs (Automation/API) & Smartbear 2022 Q3 Community Leader
- 🏆 120+hrs (Pluralsight, Udemy, Google Codelabs, LI Learning, CodeAcademy)

HARD SKILLS (TOP 10)



SOFT SKILLS (TOP 5)



HIGHLIGHTS

[Last 12mo] - Automated 140+ test cases (UI/UX:Web) & Integrated 250+ test cases (API: Postman/SoapUI), maintaining 90% controlled pass rate in nightly Regression pipelines (QA/STG). Completed 5 key POC's, including early adoption and implementation of BDD, NameMapping, ReadyAPI, ADO Test Analytics Dashboard, & LoadRunner. Wiki Documentations: *QA Test Strategy & Planning, Disaster Recover & High Availability Testing, BDD Automation, TestComplete Automation Architecture.*

[2022] - Independently designed and built automation framework for UI/UX:Web testing Digital Channels and Software Engineering project assets using TestComplete, Git, Azure DevOps and CI/CD pipelines (nightly Regression + bi-weekly E2E pipelines).

[2021] - Headed test operations for Digital Channels projects and UAT contributing teams; leading 10-15+ on-shore/off-shore Test Engineers, BA's, and Stakeholders in automated and manual testing efforts.

[2021] - Senior QA Lead for Digital Channels, DevOps, and FuelOps project groups responsible for all UI/UX:Web/Mobile, Lab Hardware (SCO, RAP-POS, Controllers), ADA, Performance, and SEO testing efforts.

[2020] - Designed and Built OLO Random Orders automation for Production API testing via GUI and HTTP protocols (cURL, VNC, Postman, Swagger, Batch, Kentico, ServiceNow).

[2019] - Independently designed and built end-to-end ADA automation for company website.

[2018] - Streamlined environmental configuration, deployment, and management processes for QA/UAT.

[2017] - Trained, mentored, and managed (3-5+) Junior QA Analysts/Engineers on Automation, ISTQB Practices, Test Cases/Documentation, and Project Onboarding.

[2016] - Successfully tested, transitioned, and launched company's CTRM & ETRM software into Production.

[2015] - Independently designed and built automation framework for company's CTRM & ETRM application.

[2014] - Worked with development team to successfully integrate company's software suite to cloud based platform.

[2014] - Migrated and refactored 250+ automated test cases from QTP to TestComplete's (VBScript/SQL).

COMPENTENCIES

SCRIPTING (8+yrs): JS, HTML, CSS, dotNET (ASP/VB), C#, T-SQL (SSMS), NoSQL (MongoDB), Bash/Shell (CLI), JSON, XML, YAML

METHADOLOGIES/MODELS (8+yrs): ISTQB/QA, Test Planning and Strategy, Project Management, CI/CD, TDD/BDD, DDT, OSI, TCP/IP, Saas, IaaS, IoT, HA/DR, Unified Architecture, Wireframing,

APPS/TOOLS (5+yrs): *Google:* Chrome DevTools, Cloud, Android, Analytics, Ads *Microsoft:* DevOps, GitHub, VS, SSMS, 365, Teams *SmartBear:* TestComplete (Desktop/Mobile/Web), SoapUI, Swagger, Cucumber, LoadNinja, TestExecute, TestEngine, CrossBrowerTesting **Automation:** Selenium, WebDriverIO, Postman, Powershell, ServiceNow, MongoDB, Robo3T, Fiddler, OctoPerf

EXPOSURE (<3 yrs): *Google:* Firebase, Flutter/Dart *Microsoft:* Visio, PowerBI, AKS *Automation:* ReadyAPI, JMeter, LoadRunner, BrowserStack, Appium, Cypress, SauceLabs *Other:* Docker, Terraform, Web3, Node/React.js, Kentico, Figma, Zeplin, ARCore

CODE (EXTRA)

```
// EAT MORE TACOS [js]
function tacosToEat() {
    const message = document.getElementById("kITt");
    message.innerHTML = "";
    let x = document.getElementById("tacos").value;
    try {
        if(x == "") throw "empty";
        if(isNaN(x)) throw "doing math";
        x = Number(x);
        if(x < 1) throw "too hungry";
        if(x > 99) throw "too full";
    }
    catch(err) {
        message.innerHTML = "WARNING: consuming " + x + " tacos may leave you " + err;
    }
}

// EAT MORE TACO [c#]
using Tacos;
namespace MyTaco {
    class Taco {
        static void Main(string[], args) {
            string txt = "Eat More Tacos";
            Console.WriteLine(txt.ToUpper());
        }
    }
}

-- EAT MORE TACOS [sql]
WITH cte_Tacos (TacoType) AS (
    SELECT 'Beef Taco' UNION
    SELECT 'Chicken Taco' UNION
    SELECT 'Pork Taco')
SELECT TOP 1 TacoType FROM cte_Tacos ORDER BY NEWID()
```