




ABOUT ME

Certified® Scrum Master, Automation Engineering  and Software Quality Assurance expert specializing in Test Frameworks and Architecture, Test Strategy and Planning, QA/OOP/TDD/BDD Methodologies with a strong focus in Design, Mentorship, UI/UX + API + Back-End Testing, Cross-System Integrations, with full SDLC and E2E 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:
kitt@made.llc

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]

- Head QA Engineer for all Digital Channels and Software Engineering automated testing efforts, working cross-functionally with project teams, 3rd parties, and key stakeholders.
- Sole automation architect and framework designer, managing all testing tools, environments, pipelines, licenses, processes & procedures as well as general analysis, UAT and Regression testing, troubleshooting & debugging, and test documentations.
- Responsible for building, developing, and standardizing the company's automated test plan, implementation and execution of overall test strategy, reporting, and training for core API and Web project groups.

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

- Lead QA Engineer for all Digital Channels, ETRM, & FuelOps project teams.
- Responsible for all automated and manual testing efforts around customer-facing products; including Web, Mobile, Desktop, API, and Embedded Hardware.
- Managing on-shore and off-shore QA members (3-15) to deliver high-quality E2E test coverage, documentation, and analysis through all phases of development.
- Maintaining multiple test environments, repositories, frameworks, test servers, discovery projects, KPI deliverables, and overall strategies, standards, policies and procedures.






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

- Contributing QA Analyst for all Front-to-Back Office testing efforts.
- Management of manual and automated test case repositories, documentations, environments maintenance.
- Key tester and UAT lead for legacy migration to cloud-native architecture.
- Refactoring and migrating existing automation from QTP to TestComplete framework.

[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.

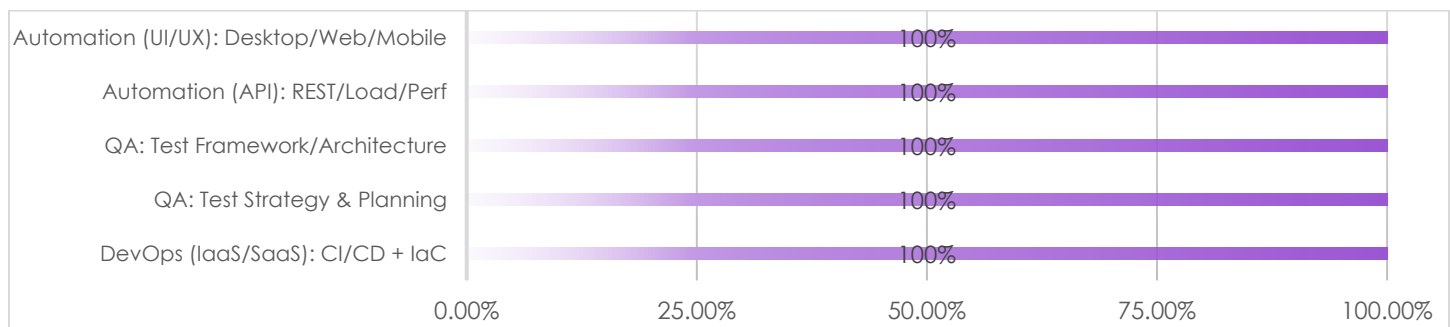
CERTIFICATIONS/HONORS [\(GOOGLE DRIVE\)](#)

-  Certified Scrum Master (CSM®)
-  HarvardX CS50
-  Smartbear 2022 Q3 Community Leader
-  13 Certs: Automation | API | Python | ARCore | WebAccessibility | Git/GitHub
-  120+hrs (Pluralsight, Udemy, Google Codelabs, LI Learning, Coursera)

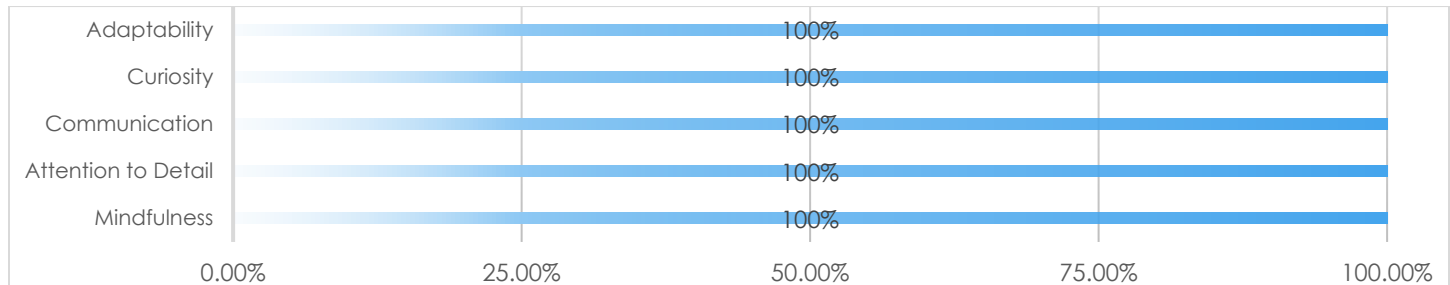
TOOLS & INTERESTS

PROFESSIONAL: TestComplete, Selenium, SoapUI/ReadyAPI, Postman, Cucumber, ActiveX
PERSONAL: React/Node JS, Cypress, Python, WebDriverIO, Web3, AR/VR/AI, Firebase, GitHub

HARD SKILLS (TOP 5)



SOFT SKILLS (TOP 5)



HIGHLIGHTS (LAST 5 YRS)

[2022] – Automated 200+ test cases (UI/UX:Web | JS/SQL/Git) & Integrated 250+ test cases (API: Postman/SoapUI | .NET/JSON/Git), maintaining 90% controlled pass rate in nightly Regression pipelines (QA/STG), and increasing work capacity 16% by reducing over 32hrs of manual testing per release. Completed 7 key POC's, including early adoption and implementation of BDD, NameMapping, ReadyAPI, ADO Test Analytics Dashboard, LoadRunner, and Wiki Documentations: *QA Test Strategy & Planning*, *Disaster Recover & High Availability Testing*, *BDD Automation*, *TestComplete Automation Architecture*.

[2021] – 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), reducing environment downtime via early alerting by 30%. Client Onboarding automation, eliminating 1.5hrs manual work per user/client. 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.

[2020] – 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. Designed and Built OLO Random Orders automation for Production API testing via GUI and HTTP protocols (cURL, VNC, Postman, Swagger, Batch, Kentico, ServiceNow), increasing store alerting and upgrade efficiency by 90% and reducing 2hrs manual work per release per store (750+ stores).

[2019] – Embedded Systems QA Test Lead for Point-of-Sale PROD upgrade of FastLane Self-Service Checkout (NCR). Avalara (tax) automation improved test coverage by 99%, creating and processing over 15k transactions for Settlement validation. Independently designed and built end-to-end ADA automation for company website, improving test coverage by 90% and eliminating 2hrs manual work per release.

[2018] – Streamlined environmental configuration, deployment, and management processes for QA/UAT; writing and automating 450+ test cases between 2015-2018. Trained, mentored, and managed (3-5+) Junior QA Analysts/Engineers on Automation, ISTQB Practices, Test Cases/Documentation, and Project Onboarding. Independently designed and built automation framework for company's CTRM & ETRM application, reducing over 45hrs of manual testing per release and improving test coverage by 400%.

| CORE STACK (QA/DevOps/Personal) | |
|---------------------------------|------------------------------------------|
| FrontEnd UI | JavaScript, HTML, CSS |
| FrontEnd Frameworks | Blazor, React |
| FrontEndStyling | Bootstrap |
| Programming Languages | JavaScript, Node, Python, Bash/Shell, VB |
| Web App Frameworks | ASP.NET Core (C#) |
| Database | MS SQL, MongoDB |
| Infrastructure | Azure, AWS, Google Cloud |
| Virtualization | Terraform, Kubernetes, Docker |
| Mobile App | Android (Java), iOS (Swift) |

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, CrossBrosverTesting **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, Zepplin, 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()
```