

## SUMMARY

Dedicated UiPath Developer with over 5 years of industry experience, offering a strong technical background and a proven track record in automation solution development. Proficient in leveraging UiPath to create efficient and scalable automation solutions. Possesses a deep understanding of RPA tools, with the ability to analyze and interpret large datasets to develop cutting-edge automation solutions. Committed to optimizing solutions for performance, scalability, and accuracy, and adept at identifying and resolving issues and defects. Experienced in setting up and managing UiPath environments and working seamlessly with clients globally, across different time zones. Known for exceptional mathematical and problem-solving skills, as well as a keen eye for detail. Well-versed in Agile and DevOps methodologies, with outstanding reporting, time management, analytical, and communication skills.

Excel in collaborating with client personnel to deliver exceptional results.

## CORE SKILLS

- RPA Development
- Service Delivery
- Production Management
- Project Management
- Business and Data Analytics
- Robotic Process Automation
- Supply Chain Management
- Account Relationship Management
- Customer Experience
- CI/CD/CT Pipeline Development

## TECHNICAL SKILLS

**RPA Tools:** UiPath, Automation Anywhere, Blue Prism

**AI Frameworks:** TensorFlow, Keras, PyTorch

**Programming Languages:** Python (NumPy, Pandas, Scikit-learn), Java, C#

**Machine Learning:** Supervised/Unsupervised Learning, Neural Networks, Deep Learning

**Natural Language Processing (NLP):** NLTK, spaCy

**Database Management:** SQL (MySQL, PostgreSQL), MongoDB, Oracle

**Cloud Platforms:** AWS (SageMaker, EC2), Azure ML, Google Cloud AI Platform

**Big Data Tools:** Hadoop, Spark

**Version Control:** Git, GitHub

**Data Visualization:** Tableau, Matplotlib, Seaborn

**DevOps:** Docker, Kubernetes

**Operating Systems:** Linux, Windows

**Methodologies:** Agile/Scrum

**Business Process Tools:** MS Visio, ServiceNow

**Documentation & Collaboration:** MS Office Suite, Confluence, SharePoint

## **WORK EXPERIENCE**

### **BrianFoot Consulting/Tensor Holdings LLC**

*Lead Developer (including UiPath)*

Oct 2022 - Present

- Completed two RPA automations end to end using UiPath ReFramework
- Successfully configured CI/CT/CD pipeline to replace human interaction in what was previously an attended process using Python, Kubernetes, Jenkins, and AWS
- Configured and hardened multiple Linux Servers including custom Shell Scripting
- Designed and built API's using MuleSoft
- Conducted comprehensive performance testing of Power Automate API integrations, ensuring seamless interactions between systems and reducing processing times by 18%
- Explored business processes identifying automation opportunities
- Provided technical leadership regarding automation in a wide variety of methods
- Designed extensible and scalable technical architecture for RPA projects
- Oversaw project timelines, anticipating failure to proactively solve problems escalating issues and performing root cause analysis when appropriate
- Documented a comprehensive technical knowledge transfer plan, conducting sessions and workshops to transfer RPA and automation expertise to cross-functional teams, resulting in a 25% increase in team competency
- Executed end-to-end RPA automations using UiPath ReFramework.
- Managed human-in-loop workspace in Power Automate, enhancing error correction within automated workflows.
- Developed APIs using Node.js and implemented integrations between systems to optimize data flow and automate reporting.
- Directed the comprehensive development of our company website ([www.brianfoot.com](http://www.brianfoot.com)), leveraging WordPress and XAMPP for effective content management and server operation. Integrated Apache and MySQL for sophisticated database management. Innovatively applied a Text-to-Speech (TTS) model for advanced image generation, enhancing visual engagement. Pioneered the use of WebAssembly (WASM) with Rust programming, optimizing the performance and interactivity of key web pages. This strategic combination of technologies not only showcased our wide-ranging expertise and services but also significantly improved the website's user experience and operational efficiency.

### **Capgemini**

Senior Consultant/Manager/Lead UiPath Developer

Feb 2022 - Oct 2022

- Led API development using Node.js
- Collaborated with senior stakeholders to understand issues and recommend solutions
- Explored business processes to identify automation opportunities
- Produced solution design documents for key automation solutions using UiPath and Agile methodology
- Provided technical leadership for various automation methods
- Oversaw end-to-end bot development, including requirement gathering, testing, and solution design documentation
- Managed project timelines and performed root cause analysis for issues
- Orchestrated planning sessions and requirements gathering, evaluating proposed software changes comprehensively.
- Managed and documented user, functional, and technical requirements for Manufacturing, F&E, Quality, and Supply Chain domains.
- Developed APIs using Node.js and implemented integrations between systems to optimize data flow and automate reporting.

### **TSG Solutions Pvt Ltd, TN**

*RPA Developer/Business Analyst*

Oct 2017 – Jan 2022

- Configured UiPath infrastructure for development, test, and live environments
- Designed, developed, and implemented RPA using UiPath
- Worked with Agile/Scrum methodologies for requirement analysis, prototyping, coding, and testing
- Created and maintained technical documentation, including Solution Design Documents
- Conducted simulations and managed UiPath Orchestrator for scheduling and monitoring of UiPath Robots
- Collaborated with stakeholders to review, refine, and automate business processes
- Developed Java applications following Web Content Accessibility Guidelines (WCAG) at the AA level.
- Orchestrated integrations between analogous systems and data analytics platforms, streamlining data flow and enhancing real-time insights by 30%.
- Configured UiPath infrastructure for development, test, and live environments.
- Designed and implemented Robotic Process Automation (RPA) using UiPath.

### **Live Oak, St.Helena, CA**

*Business Analyst*

Mar 2013 – Aug 2016

- Supported business units as a liaison, ensuring effective communication between teams

- Gathered requirements through stakeholder interviews and surveys
- Analyzed existing and future processes, creating TO-BE processes in collaboration with marketing and IT units
- Designed and built CRM using MySQL
- Created flow diagrams and various UML diagrams for requirements and software modeling
- Documented test plans, performed testing, and analyzed bugs during User Acceptance Testing (UAT)
- Designed and constructed a bespoke ERP system using MsSQL and C#.
- Created comprehensive documentation including BRDs, FRSs, and SRSs, ensuring clarity and alignment throughout project life cycles.
- Developed test cases, interacted with QA/Dev teams to rectify issues, and conducted UAT, ensuring flawless system functionality and meeting user expectations.

### **H & H Wine Brokerage, Napa, CA**

*Owner/Founder, Business Lead, Supply Chain Operations*

Jun 2008 – Mar 2013

- Expanded H & H Wine Brokerage from 2 to 6 staff, conducting business in every major wine-growing region worldwide, with gross sales of over \$10,000,000.
- Brokered grapes, bulk wine, cased goods, and Brands.
- Established the company from business planning and financing to infrastructure and logistics.
- Managed a highly effective team of 18 Associates for a US-based supply chain project.
- Designed a custom CRM, integrating barcoding and sample tracking.
- Managed winemaking and production for custom wines for retailers and producers in California, Chile, Argentina, and New Zealand.
- Managed wine production and importation into the United States, including Logistics, Customs, packaging, and labeling.
- Sold cased goods between winery owners and retailers across the United States.
- Created private label brands for US retailers.
- Assisted winemakers in grape, bulk wine, and bulk wine selection as well as purchasing and production.
- Worked with over 3,000 wineries, vineyards, and wine producers in the state of California.
- Liaised between the software development/testing team and the on-site team to develop a CRM, Inventory Management, and Trading tool.
- Wrote Quarterly Market Reports as well as Harvest reports for Key Clients combining State, proprietary, and scan data.
- Worked as a consultant to clients for Brand Development, Inventory Valuation, Supply Chain, Packaging, and Market Analysis.
- Opened an office in Santiago, Chile, and created a strategic partnership with a European brokerage.
- Assisted in the creation of Josh Cellars (consulted on packaging and label development, created blends, and oversaw production), a brand that became the fastest-growing brand in North America and was eventually asked to manage negotiations for its partnership and sale.

## **EDUCATION**

California Culinary Academy, 2003: Associate Degree in Culinary Arts/Food and Beverage Management

University of Memphis, 2001: Mechanical Engineering

## **CERTIFICATE PROGRAMS**

Six Sigma Yellow Belt

UiPath Certified RPA Associate (UiRPA)

Google Cloud, Automate Interactions with Contact Center AI

Google Cloud, Create Conversational AI Agents with Dialogflow CX

## **ADDITIONAL KNOWLEDGE & SKILLS**

Linux, Python, .NET, Anaconda, Java, JavaScript, C#, Jax, SQL, MySQL, MongoDB, Data Pipeline Development, CI/CD/CT/CM, Domain Driven Design, Ubiquitous Language, Anti-Corruption Layer, Data Analytics, Pandas, Tableau, MatLab, Tensorflow, Keras, CAD, CAM Fusion360 GMP, GLP, GXP, GDP familiar, GitHub, Restful API, API, .json, Docker, Keras, R, R Studio, Machine Learning, Vertex AI, Pytorch, MLJAR AutoML, XGBoost, GPT-J, GPT-Neo, GPT-Neox, BERTSRE practices, Chemistry, Biochemistry, Azure, Kusto/KQL, AWS, Terraform, GIT, Github Actions, Google Cloud, Agile, SixSigma, RCA, FreeFEM( beginner), ccp4(beginner)