

Python Test Automation Developer Python Test Automation Developer Python Test Automation Developer - Sprint Overland Park, KS Bachelor in Electronics focused on Python Development. I have worked in a range of industries contributing to in-house and end-client applications in all phases of the Software Development Life Cycle, both as technical leader and trusted teammate in Agile SCRUM environments using both TDD and BDD. Recently working with Open Source technologies such as Python, Jupyter Notebook, Pandas, Mathplotlib, PySimpleGUI, Jinja2, Bulma CSS, Flask, Django, Tornado, ReactJS, Docker, AWS Cloud services, Jenkins, MySQL, MongoDB, JSON, Security, Encryption, JavaScript/ES6, Redux, REST, NPM/Yarn, Webpack, GraphQL, Redis, NodeJS, PyEnv, NodeEnv, PipEnv, PyTest, PyUnit, GIT, VirtualEnv, Semantic UI, Bootstrap, HTML, CSS/LESS/SASS, and Excel spreadsheets. Have know-how experience in using libraries such as: Bitstring (RAW data extraction), ElementTree (XML data extraction), Requests (HTTP requests), Subprocess + MDB Tools (MS Access binary data extraction), Multi-threading, and Multi-processing and familiarity with Parallelism. Work Experience Python Test Automation Developer Sprint - Overland Park, KS February 2019 to Present GTA - Reston, VA) Software Developer responsible for automating report processes for Sprint Network data analysis in order to provide Network diagnostics for: LTE migration LTE Worst Offenders and Voice Call Packet Gap/Loss Environment/Technology: Python, Jupyter Notebook, Pandas, Mathplotlib, PySimpleGUI, Jinja2/HTML, ETL, Flask, Bulma CSS, Excel. Linux, Windows, Visual Studio Code, VIM, GIT, Dropbox. Python and JavaScript Developer Foundation Medicine - Cambridge, MA April 2017 to January 2019 Unosquare - Guadalajara, MX) Software Developer responsible for leading the team effort on the new ETL service to complement the current implementation and minimize the dependency on remote data provisioning. Also, responsible for creating implementation proposals, software architecture solutions, and assigning custom training roadmaps to Jr. Python Developers and Python Testers. On the job training on developing Python Django applications with Semantic UI, ReactJS, and Webpack. Architecture and implementation proposal for developing a NodeJS Payroll system using DSL and GraphQL/REST/LDAP3/OAUTH integration. Technology consultant for Selenium/Splinter PyTest automation recommendation. Developed a Python Flask REST

application for ETL automation of marketing user data. Developed and executed PyTest test scripts and test cases for Unit Test and Integration Test for Flask application. Execute Unit Test test cases for Angular JavaScript/ES5/ES6 applications. Environment/Technology: Python, JavaScript/ES6, Flask, Django, ReactJS, Docker, New Relic, AWS Cloud services, Jenkins, Semantic UI, Bootstrap, Redis, REST, JSON, BASH, GraphQL, PyEnv, NodeEnv, Yarn, Webpack, SQLite, Linux, Windows, Mac OS X, VirtualEnv, SublimeText, Visual Studio Code, VIM, GIT, GitHub, SSH/SFTP, Terminus, iTerm2, MobaXterm, TMUX, Meld, JIRA, SCRUM. Python Test Developer Federated Wireless - Arlington, VA August 2016 to April 2017 GTA - Reston, VA) Test responsible for SAS server test verification. Developed a Python REST Client Test Harness, test scripts, and test cases for FCC acceptance certification of a Spectrum Access System (SAS) protocol application server. Setup and use of AWS EC2 instances for development and integration of test platform. Develop a Python Falcon REST Server as SAS simulator for creating and executing the Test Harness, test scripts, and test cases. Environment/Technology: Python, REST, JSON, BASH, TLS 1.2, Falcon, Linux, Windows, AWS EC2, VirtualEnv, VirtualBox, SublimeText, VIM, Atom, GIT, GitHub, SSH/SFTP, MobaXterm, TMUX, Meld, JIRA, SCRUM. Python Developer GTA - San Diego, CA April 2015 to July 2016 GTA - Saltillo, MX) ETL and MySQL Back-End responsible. Developed the Python scripts to automate data ETL from binary MS Access files to MySQL database. Responsible for the Database backup process. Adaptation of NodeJS PostgreSQL scripts to now work with MySQL to keep the data provisioning to Redis and ElasticSearch in-house applications. Architecture and implementation proposals for developing REST to SOAP APIs solutions, using either NodeJS, Java, or Python as platforms. Environment/Technology: Python, NodeJS, Redis, SQL, XML, JSON, BASH, Linux, Windows, AWS EC2, VirtualEnv, VirtualBox, SublimeText, VIM, GIT, GitHub, SSH/SFTP, MobaXterm, TMUX, MySQL, Workbench, Meld, JIRA, Agile. Python Developer SpiderCloud Wireless - San Diego, CA June 2014 to March 2015 Dextra Technologies - Aguascalientes, MX) ETL Back-End responsible. Developed the Python scripts to automate data ETL from binary files, raw files, XML files, structured text files, and database. Create the implementation proposals with time plans for the Python ETL

proposals. Environment/Technology: Python, SQL, XML, JSON, BASH, Linux, Windows, VirtualEnv, VirtualBox, Notepad++, VIM, GIT, SSH/SFTP, MobaXterm, TMUX, MySQL, Workbench, Meld, JIRA, Agile. Support Engineer General Electric - Aguascalientes, MX March 2014 to June 2014 MX) Outlook Application support. Windows Outlook Anywhere SSH Applications 24x5 1st and 2nd level support for end users. Environment/Technology: Windows, MS Outlook, JIRA. DevOps SW Engineer Electronic Arts Sports - Vancouver, BC March 2012 to March 2014 Softtek - Aguascalientes, MX) Linux CentOS and Red Hat 24x7 1st and 2nd level support of on-line game industry C/C++, Java Tomcat, and Apache based services and applications. Python/BASH script and CherryPy applications development for complementing monitoring tools. Monitor for preventive and corrective maintenance activities, to keep optimum game server and MySQL database server performance (disk space, memory, load, and networking basics). Monitor for preventive and corrective maintenance activities, of networking services, game applications, and MySQL databases, to minimize application downtime. Application post mortem of log and core dump back-traces, for troubleshooting. Environment/Technology: Python, SQL, BASH, C/C++, Java, Bootstrap, Boilerplate, CherryPy, HTML, CSS, Linux, Windows, GDB, MySQL, Workbench, PuTTY, WinSCP, Nagios, Nagstatmon, Perforce, GIT, Notepad++, Cisco AnyConnect, Cisco IP Communicator, Tortoise SVN, MS Outlook, MS Communicator, MS Excel. Help Desk Support Specialist Justia de Mexico - Saltillo, MX September 2010 to March 2012 Website 1st and 2nd level support for content creation and update. Convert plain text, PDF, and other applicable formats to HTML/CSS. Adapt images to the needed format, weight, and size without breaking the Website style. Update JavaScript snippets. Create Website links to/from the Website and other related Blogs and Directories. SEO content update. Legal Dockets content update and provisioning. Lawyer Directory content creation and update of Lawyer profiles and Law Firm profiles. Environment/Technology: HTML, CSS, JavaScript, Mac OSX, BBEdit, Firefox, Chrome, Safari, Web Developer plug-in, Firebug plug-in, ColorZilla plug-in, MeasureIt plug-in, Facebook, LinkedIn, Twitter. Systems Solutions Architect Telexpertise de Mexico - Saltillo, MX September 2007 to January 2010 for Telecom Telecom Specialist responsible for developing and testing telecomm

applications. QA Test Leader for NPAS Tool verification of Telcordia Number Portability web services for Mexican Marcatel operator using the Erlang platform as well as BASH scripts. Lead Developer for TXM's HLR Software Data Tool for adding the CAMEL data extractor/decoder module (Revenue Assurance for Central America and the Caribbean Telecom operators) using the Linux platform with Eclipse Java IDE and MySQL database. Lead Developer for Psitek PMC Web Services Platform Tool, Prepaid Airtime Transaction Reversal module for Mexican Telcordia client using the Python/Django platform. Environment/Technology: Python, Django, BASH, Java, Swing, Erlang, Linux, Eclipse IDE, MySQL, Workbench, Meld. Telecom Specialist Ericpol de Mexico - Mexico City, MX October 2005 to September 2007 Provide Ericsson TTCN-3 and Ericsson Network Emulator know-how and support. Project Leader for IMS Services demonstrations to Mexican Telecom operators TELMEX and TELCEL, installing the Ericpol IMS services in Linux, adapting BASH configurations scripts. Krakow, Poland. TTCN-3 Test Support Specialist and Support Person Official Contact (SPOC) for TTCN-3 Verification platform at Krakow, Poland R13.0 IN project using Linux, BASH and Ericsson proprietary tools for preventive and corrective actions on end user TTCN-3 platform usage. Pagani, Italy. TTCN-3 Test Knowledge transfer responsible for Ericsson R13.0 IN project from Ericsson Pagani, Italy to Ericpol Krakow, Poland using Ericsson Linux proprietary tools. Environment/Technology: C/C++, BASH, TTCN-3, ASN.1, Linux, Eclipse IDE, Ericsson proprietary tools. Lead Technical Support Engineer General Electric - Atlanta, GA November 2004 to October 2005 Softtek - Mexico City, MX) 1st, 2nd, and 3rd level support responsible for GE COMPAS Tool (ERP Financial in-house Visual C++ and MS SQL Server application, with +1million lines of code). Add new functionality and fix a huge backlog of bugs both on the application and the MS SQL Server stored procedures. Secure the knowledge transfer that came with poor documentation. Stabilize the application support and implant cause analysis solutions. Reduce the HIGH backlog in ticket/cases. Restore the communication channel between the end users and the support team. Identified and stabilized more than 20 interfaces to other applications and systems. Identified and stabilized many automatic processes involving more than one interface. Assign human resources in accordance to business priorities. Identified

and provided useful key metrics. Identified and put in place Best Practices for Maintenance, Software Development and Application Deployment. Environment/Technology: Visual C++, MS Transac-SQL, MS SQL Triggers/Stored Procedures, MS Visual C++ 5.0, MS SQL 7.0 (Analyzer and Enterprise Manager), EditPlus, MS Outlook, MS Excel. IS/IT Support Engineer ISC - Nuevo Laredo, MX October 2002 to September 2004 Linux server and Windows Desktop/Server support and maintenance responsible. Installation and maintenance of computer networks. Provide customers with proposals for improvements on the automation of their operations. Identified and put in place Best Practices for Maintenance and Customer Support. Environment/Technology: BASH, HTML, CSS, JavaScript, Linux, Windows, Apache Web Server, Nvu Editor, Bluefish editor, GIMP Editor, MS Word, MS Excel, MS Terminal Services. Telecom Software and Test Specialist Ericsson - Saltillo, MX September 1995 to August 2002 C/C++ Software Developer for TTCN-2 and TTCN-3 test platform, responsible for the TTCN protocol translator. Test support specialist in TTCN Test Suite test case creation and execution. On Site Karlskrona, Sweden. TTCN-2 Support Specialist for the base Diameter test suite, using Solaris platform and Solaris FORTE development environment. On Site Karlskrona Sweden. TTCN-2 STE C/C++ Developer of Telecom protocol translation tool for SS7 network protocols for projects in Germany, Sweden, Denmark, Australia and others, using Solaris platform and Solaris FORTE development environment. On Site Karlstad, Sweden. STE Developer of C++ COM components for HW simulators, using Solaris and Linux platform and Linux GNU development environment. Proposal that materialized in the emulation of HW components for the IN and ISDN services verification using Solaris platform. Support Specialist in STE for Intelligent Network- (IN) Test and Verification using the Solaris platform and Ericsson proprietary tools. Leader for the Methods and Tools group for Best Practices with meetings in US and Canada to share knowledge and new tools for development and verification. On Site Stockholm, Sweden. Support Specialist in STE for SIMAX platform Test and Verification using the Solaris platform. Support Specialist in STE for TDMA/Fixed Telephony Test and Verification using the Solaris platform and Ericsson proprietary tools. Developer in Intranet Project Websites using HTML/CSS format and style languages in the Solaris platforms. Developer in

TDMA/Fixed Telephony modules using the Solaris platform and Ericsson proprietary tools.

Environment/Technology: C/C++, BASH, TCL/Tk, PLEX, Perl, TTCN-2, ANS.1, Solaris FORTE, Unix/Solaris, Ericsson proprietary tools. Education Bachelor in Electronics Engineering in Ericsson Conference on Software Engineering Instituto Tecnológico de Nuevo Laredo February 1990 to December 1994 Skills Linux, Bash, Django, C/c++, C++, Docker, Erlang, Git, Html, Bootstrap, Reactjs, Json, Oop, Python, Flask, Pandas, Xml, Css, Mysql, Redis, Automate, QA Additional Information Technical Expertise Technology Experience Level OOP +10 yr Advanced Linux +10 yr Advanced BASH +10 yr Proficient MySQL +6 yr Proficient Python +5 yr Proficient GIT +5 yr Proficient VirtualEnv +5 yr Proficient EC2 +5 yr Proficient HTML +5 yr Proficient CSS +5 yr Proficient Bootstrap +4 yr Proficient Flask +1 yr Proficient REST +1 yr Proficient JSON +1 yr Proficient PyEnv +1 yr Proficient PyTest +1 yr Proficient PyUnit +1 yr Proficient Jupyter Notebook - 1 yr Proficient Pandas - 1 yr Proficient PySimpleGUI - 1 yr Proficient XML - 1 yr Proficient CSV/Excel - 1 yr Proficient Bulma CSS - 1 yr Proficient Django - 1 yr Proficient Semantic UI - 1 yr Proficient Mathplotlib - 1 yr Intermediate JS/ES6 - 1 yr Junior ReactJS - 1 yr Junior PipEnv - 1 yr Junior NodeEnv - 1 yr Junior Docker - 1 yr Basic Redis - 1 yr Basic NodeJS - 1 yr Basic GraphQL - 1 yr Basic C/C++ + 5 years Prior knowledge Java - 1 yr Prior knowledge Erlang - 1 yr Prior knowledge

Name: Brent Martin

Email: bookerelijah@example.net

Phone: 518.608.8167x39702