

Josh Westbury

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Education:	Ph.D. Linguistics and Ancient Languages University of Stellenbosch South Africa	2014
	M.A. Linguistics and Ancient Languages University of Stellenbosch South Africa	2010
	Bachelor of Arts Houston Baptist University Houston TX	2005

Languages/ Technologies: **Proficient in** Boomi, Workato, JavaScript, Node.js, TypeScript, NetSuite (SuiteScript 1.0, 2.0, SuiteBuilder, SuiteFlow, and SuiteCloud), SQL (PostgreSQL, SQLite), HTML5, CSS, Git, RESTful Web Services, AWS Services (AWS Lambda Functions, AWS Layers, AWS RDS), Cloud Firestore, OAuth 2.0, JWT

Familiar with Salesforce (Admin Customization and Configuration, SOQL) Python, Flask, Tornado, Angular (v4.0+), GraphQL, MongoDB, WebSocket, Heroku, Kubernetes, Docker

Courses/ Certifications **Workato:** Automation Pro I Certification, Automation Pro II Certification

Boomi: Developer 1, Developer 2, Developer 3, Architect 1 (in progress)

Employment:

SaaS Consulting Group

Sr. Technical Consultant - NetSuite and Integrations Developer 2019–Present

- Track lead for Integrations and Development on multiple Salesforce & NetSuite implementations.
- Developed and maintained Boomi integrations between Salesforce and NetSuite on Dev/Prod Atoms.
 - Implemented Boomi processes which include the creation and updating of Accounts, Customers, Contacts, Addresses, Opportunities, Sales Orders, Items, Products, Transactions, and Vendors
 - Daily monitoring of jobs process reporting screens.
 - Wrote custom groovy scripts for a variety of map functions.
 - Participated in go-live migration and post-production deployment support.
- Developed Workato integrations between Salesforce, NetSuite, OpenAir, EzyPay Payment Processor, Jira, as well as other custom applications.
 - Developed business critical integrations between Salesforce, NetSuite, and OpenAir.
 - Developed resilient and scalable Workato processes with the ability to run asynchronously and create/update tens of thousands of records in a single job.
 - Developed a real-time sync system between Salesforce and Jira which functions to keep all Salesforce Incident Reports and Case Escalations in sync with each corresponding Jira issue.

- Developed an automated system for processing payments that are invoiced in NetSuite and processed through a third party payment processor. The system handles the submission of invoices in bulk, handling failed payments, refunds, and retrieving and reconciling settlement data within NetSuite.
- Developed Workato integration between AWS Postgres RDS and NetSuite for migrating 3 million records into NetSuite.
- Developed NetSuite customizations using scripts (SuiteScript 2.0) and workflows.
 - Implemented a scripting solution for a large manufacturing company. The solution employs a series of Client and User Event scripts which enables the sales rep to substitute item parts at the line level on a Sales Order and have the price recalculate in real time. A custom Work Order can then be generated from the Sales Order.
 - Developed a custom RESTlet which allowed the client to extract NetSuite accounting period and exchange rate data from an external application.
 - Developed additional solutions using User Event, Client, Map/Reduce, Schedule scripts, and workflows to validate, extract/transform data, and create/update records within NetSuite.
- Administrative Tasks: Requirements Gathering, Project Delivery, Lead Meetings, etc.
 - Lead requirements gathering meetings with stake holders and end users.
 - Created detailed documentation of the integration development, both written and flow diagrams.
 - Tracked project progress to ensure deadlines and goals were met on time and under budget.
 - Worked collaboratively with team members across tracks and from various departments within SCG and the client company to ensure delivery of all requirements at go-live.

NWYC | SGAP

(National Write Your Congressman | Student Government Affairs Program)

Lead NetSuite Developer

2018–2019

- Lead a team of developers and oversee all NetSuite administrator and developer tasks.
- Provided technical solutions to business-critical needs by building robust customizations within NetSuite on a weekly basis. These often include creating custom forms, fields and record types in addition to building custom Suitelet interfaces, writing Map/Reduce, Mass Update, User Event, Client, Schedule and RESTlet scripts.
- Met weekly with the executive team, preparing weekly reports on the status of high priority projects, communicating technical details in an easy-to-understand, non-technical manner.
- Designed and built custom APIs using SuiteScript 2.0 to dynamically talk to Amazon AWS Lambda endpoints and EC2 deployments to connect to Cloud Firestore database.
- Provided backend technical support for a proprietary mobile application used by NWYC's sales representatives. This application integrates directly with NetSuite and is used by sales representatives to track lead and member information, update customer information in NetSuite, and submit orders to NetSuite where they are processed in real-time, among other tasks. The integration relies heavily on a collection of RESTlets and Map/Reduce scripts.
- Helped architect and develop a system for real-time synchronization of hundreds of thousands of customer, opportunity and sales order records between the mobile app, NetSuite, and web applications built on Flask and Postgres. This system relies heavily on Kubernetes, Firestore, and AWS Lambda functions/layers.

NetSuite Developer

2017-2018

- Refactored SuiteScript 1.0 scripts into TypeScript transpiled SuiteScript 2.0 scripts.
- Built a custom NetSuite interface for uploading large CSV files, as well as ETL Map/Reduce functionality to extract and integrate these files. This allows for the creation of thousands of Lead records within NetSuite on a daily basis.
- Wrote Node.js scripts for standardizing, cleaning, consolidating and filtering large data sets.
- Built an internal web app using ReactJS which accessed three separate APIs in order to extract customer information recorded in a third-party app and associate that information with the customer record stored in NetSuite.
- Wrote a TypeScript program to extract over three million addresses from NetSuite, acquire the geocodes for those addresses using the Google Map API, format the geocodes, and import them back into NetSuite and Firebase.
- Contributed to the custom integration of an iOS and Android app with NetSuite using a TypeScript transpiled SuiteScript 2.0 collection of RESTlets and Map/Reduce scripts.
- Wrote and implemented Firebase cloud functions that listen for a change or creation of an address or geocodes and then fetches and updates the Firebase document with the new geocodes or the new address (reverse-geocode), respectively.
- Wrote and maintained various client/server scripts for both standard and custom records within NetSuite.

Logos Research Systems

Scholar-in-Residence

2011-2017

- Pioneered a variety of digital research resources, taking projects from concept to market.
- Led a team of data analysts, developers, and editors; overseeing production, solving conceptual and practical problems, guaranteeing each project was completed according to specification.
- Meticulously tracked workflow to ensure projects were completed on time and on budget, securing return on investment.
- Worked cross-departmentally with developers, marketing, sales, publications, and design to optimize product awareness and increase sales by writing blog posts, web copy, and scripting screen casts and product videos.