

# John (JT) Stirling

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## Summary

Self-taught web developer with experience building full stack web applications using JavaScript and Python. Adept in solving complex problems both individually and as a member of a team. Brings forth a proven track record of strong communication and time management skills in a client-facing environment, both remote and in person.

## Skills

- JavaScript ES6
- Python
- HTML & CSS
- React / Redux
- Django
- Git / Github
- SQL / NoSQL
- REST APIs
- JSON & HTTP

## Web Development Projects

### Personal Project – [trippit.co](http://trippit.co)

Jan 2020 – Present

- Web app that allows users to log their past trips and displays the locations they have visited on an interactive map.
- Built a responsive, modular front-end with reusable components using React, Redux, and Material UI.
- Developed a custom back-end API with Django REST framework.
- Utilized third party APIs such as Mapbox and Algolia in order to search, geocode, and display location data.
- Performed testing and debugging before deploying the web app on Firebase.

## Work Experience

### Protiviti – Cincinnati, OH & Fort Lauderdale, FL

Senior Consultant

Dec 2020 – Present

Consultant

Aug 2018 – Dec 2020

#### Intelligent Automation Team

- Worked with an internal team of developers to architect and assemble automation tools for our Financial Advisory and Performance Improvement practices.
- Programmed applications using a combination of Python, VBA, and Robotic Process Automation software.
- Utilized libraries such as NumPy and Pandas to clean, transform, and join data from multiple sources.
- Optimized a pre-existing Python script that handled fuzzy matching numerous data sets resulting in a reduction in processing time of over 95%.
- Designed and built a prototype website using Bootstrap and React that served as a front-end for users to access and interact with a suite of automation tools.

#### ERP Implementation

- Part of a team that managed the implementation of a new ERP system for a multi-billion dollar healthcare client.
- Collaborated with management to identify business requirements and translated those requirements into the functional design of the new ERP system.
- Created a SQL database and designed queries to automate the process of transforming and converting data from the legacy systems into the format of the new system.
- Performed in-depth data validation to ensure the accuracy of the financial statements and other key reports produced by the new system.
- Developed a VBA script to partially automate the reconciliation of financial statements from the legacy systems to those of the new system.
- Maintained multiple implementation environments to facilitate cross-functional testing.

## Education

### Miami University, Farmer School of Business - Oxford, OH

Aug 2014 – May 2018

Bachelor of Science in Finance

Graduated Cum Laude

GPA: 3.67/4.00