

Anthony Fox

[email] anthonyfox1988@gmail.com [web] afox.dev

Full-stack software engineer with a focus on backend development. Highly driven individual who is well-versed in building RESTful architecture that scales efficiently. Passionate about strong technical practices, such as test-driven development, continuous integration, brutal refactoring, and code review to improve code quality.

[languages] Python, Go, Javascript, SQL, C++

[front-end] Angular, React, JQuery

[web framework] Django, Flask, Node/Express

[data store] Postgres, MySQL, Redis

[infrastructure] Ubuntu, Heroku, AWS, Docker

PROFESSIONAL EXPERIENCE

Lead Web Developer (Remote)

2017 - 2019

Stratasan | Nashville, TN

- Sole developer in converting the codebase from Python 2 to Python 3, with zero downtime.
- Developed RESTful architecture to drive client-facing applications using Django Rest Framework.
- Implemented multiple proof-of-concepts to determine company needs.
- Introduced company process of post-mortems and bug reviews.
- Reviewed and prioritized incoming feature requests for the team.

Web Developer

2016 - 2017

Stratasan | Nashville, TN

- Utilized test-driven development to implement new features and fix software regressions.
- Re-engineered proprietary query builder to mask MediCare data for client consumption.
- Developed a pipeline for downloadable CSV's of results unloaded from AWS Redshift to S3.
- Contributed to open-source software and open-source tools, written to solve business needs.

Solutions Architect / Software Developer

2014 - 2016

The Crichton Group | Nashville, TN

- Developed a user-aware customer relationship manager using Flask, Bootstrap, and Angular, used company-wide by the sales team.
- Developed Python libraries to interface with MSSQL databases and various FinTech APIs.
- Increased workflow efficiency by automating tasks with developed web apps deployed to Microsoft IIS.
- Created corporate Windows 10 images and rolled out Surface Pro 3 devices using Microsoft Deployment Toolkit (MDT).

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PROFESSIONAL EXPERIENCE (cont'd)

System Administrator

2013 - 2014

Sizzler | Mission Viejo, CA

- Significantly reduced workstation setup time by developing a scripted procedure to automate OS installation and application configurations.
- Implemented network infrastructure to accommodate user accounts/permissions, password resets, and administered group policies via Microsoft Active Directory.
- Managed scheduled server to cloud backup jobs to adhere to the 3-2-1 data principle.

SIDE-PROJECTS

Software Blogger | afox.dev

2017 - Present

Creator, writer, and editor for afox.dev, where I write occasional bits on Python, IoT, automated projects, helpful tutorials and analysis in hopes of motivating and helping others.

OC Python Co-Organizer | PyTennessee

2017 - Present

Co-organizer in helping ensure fresh content and monthly delivery to developers of all skill-levels. This includes welcoming and reaching out to speakers and attendees, providing informative guidance, and occasionally filling in if a speaker cancels, all in the hope to build a growing community based around the Python ecosystem.

Conference Speaker | PyTennessee

2019

Speaker at the 2019 PyTennessee Python Conference focusing on how I successfully converted an 80,000 line codebase from Python 2 to Python 3, with zero downtime. This is in addition to past opportunities where I have volunteered at several meetups on topics such as, Test-driven Development, Unicode, and Microprocessors.

PyTennessee Talk Review Committee

2018

Worked with a group of individuals on this committee to read and rank each call for proposal submission and build the schedule for this 2-day long conference. This included ranking each submission on the topic, how useful the material is, if the talk is technically accurate and more.

Ricoh Python and other Open Source Software

2016

Author and maintainer of a Python module that interfaces with Ricoh printers. Initially used to make my job easier, is now used by others to assist in managing the address book in Ricoh Printers. In addition to that, I've also written and contributed to other open source projects and hackathons.