

Adam Straub

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Executive Summary

- Python Developer with strong work ethic and proven ability to build quality solutions with high integrity
- 9 years experience in Django focusing on backend development and REST APIs
- History of leading large projects in both official and unofficial capacities
- Quick learner, constantly seeking to expand skill set and step outside of my comfort zone

Core Qualifications

- Python 2 and 3
- Django Versions 1.5 - 3
- Strong Celery experience, both standalone and integrated with Django
- Strong Git experience and Gitlab CI experience
- Strong SQL experience, primarily in MySQL and PostgreSQL
- Docker -- management, infrastructure, deployment, and development.
- AWS (primarily S3 and EC2)
- Strong Linux and Unix administration experience

Professional Experience

Senior Software Engineer, UtilityAPI September 2020 to December 2023 Remote
Responsible for working with internal and external stakeholders to plan, architect, implement and deploy a large scale new product which allowed the company to expand into a new market. I maintained ownership of this product and developed regular updates including many large changes and improvements to facilitate new customers' needs. I primarily worked on the Django backend creating REST APIs, and Celery jobs, but also did a bit of front-end work. Additionally I led a project to migrate the organization from github issues to Jira for project and issue tracking.

Senior Python Developer, AdviNow (Contract -- Insight Global) July 2019 to September 2020 Scottsdale, AZ
Responsible for designing, developing, and improving many facets of a large AI driven medical diagnostic engine. I primarily worked on Django REST APIs and authentication, but also improved the infrastructure architecture, authentication schemes, and Windows application automation using pywinauto. I was the SME for the largest component of the AdviNow system, and helped architect both new systems and large improvements to existing systems. I also improved and updated various components of AdviNow's devops procedures using ansible and Gitlab CI. Additionally responsible for administering the Linux server infrastructure in AWS.

Django Developer, PayPal (Contract -- Insight Global) March 2019 to July 2019 Scottsdale, AZ
Developed a medium sized Django application which acts as a central portal for the security team. The application is entirely REST API driven, both for serving content to the web interface and for pulling data from a variety of other sources. I was responsible for all steps of the SDLC from gathering requirements from key stakeholders, developing both the front-end and back-end, setting up the production environment and deploying to it, and gathering feedback from end-users.

Solution Architect, Sentara Healthcare July 2016 to January 2019

Solution Architect, Sentara Healthcare (Contract -- Triumph Services) March 2016 to July 2016 Virginia Beach, VA
Responsible for application deployment solutions including creating and maintaining software packages using Prism, and creating and maintaining app stacks using VMWare App Volumes. Responsible for managing and deploying Linux servers and appliances and Windows servers. Developed a custom Linux distribution from the ground up, and supporting tools to convert PCs into thin clients. Led a project to move the VDI environment from Windows 7 to Windows 10. Designed and developed internal tools in Django and ASP.Net MVC to assist with managing VDI and vSphere environments. Was the team's go-to for linux knowledge and help.

Systems Administrator, Massey Enterprises June 2011 to March 2016 Virginia Beach, VA
Primarily responsible for developing a website and API endpoints using Django along with internal technical support, customer technical support, building, maintaining and updating workstations, servers, and networking equipment, managing projects from inception to completion, supporting in-house Windows and Debian Linux servers for a small domain, managing application servers on Heroku and AWS.