Glenn Siegman

Peoria, AZ ● Phone: 715-610-2345 ● E-Mail: gsiegman@gsiegman.com

Summary

Software engineer/architect with 12+ years of experience, primarily developing with Python using the Django web framework. I am committed to writing clean, maintainable, and well-tested code. Although I specialize in back-end web development and architecture, my responsibilities have also included some front-end JavaScript development as well as building and scaling web server infrastructures on AWS, Digital Ocean, Heroku, and Rackspace.

Experience

Attainia, Inc (Scottsdale, AZ)   Senior Full-Stack Engineer   July 2017 - Present

- Lead the backend architecture and development of various REST and GraphQL microservice APIs to power the full rebuild of Attainia's supplier catalog and capital planning software.
- Created microservice "cookie cutter" project templates to assist in spinning up new services quickly and avoiding boilerplate repetition.
- Worked with product owners and project managers to gather business requirements.
- Occasional front-end React/Redux development.
- Mentored engineers on Python, Django, and Graphene best practices.

KBS (New York, NY)   Platform Architect   November 2013 - March 2017

- Lead platform architect and developer of a project management system used internally at Google.
- Web services developer to support the BMW North America web properties.
- Lead architect and developer of a reusable, component-based CMS platform for internal and client use.
- Researched various platforms, content management systems, and other tools in order to make recommendations to leadership.
- Assisted in the recruitment, interviewing, training, and assessment of Python and Django developers.

Offerpop (New York, NY)   Senior Developer   March 2013 - November 2013

- Migrated legacy PSP code (mod_python) to a modern Django stack.
- Built a prototype of a Facebook ad buying system that was integrated directly with the campaign management dashboard.
- Maintained legacy code/bug fixes.
- Assisted in the recruitment, interviewing, training, and assessment of Python and Django developers.

DealerTrack, Inc. (Lake Success, NY)   Senior Software Engineer   July 2012 - March 2013

- Lead efforts to bring .NET & Java developers up to speed with best practices in Python and Django.
- Created a custom, reusable, dynamic form and validation library on top of Django's built-in form library to handle the complex nature of DealerTrack's form processing requirements.
- Developed a real time web socket notification system using gevent and socketio.
- Assisted in the recruitment, interviewing, training, and assessment of Python and Django developers.

Discovery Communications (Silver Spring, MD)   Web Developer   July 2011 - July 2012, June 2010 - March 2011

- Backend development and system administration for ID Addicts, a real time social network and Twitter aggregator for fans of the Investigation Discovery network.
- Backend development for the upgrade of Discovery Communications corporate site.
- Backend development and system administration for the American Chopper Live voting web application; a live television event that generated almost 2 million votes in just 2 hours.
- Backend development for the registration and administration application to manage Discovery Impact, a yearly event where Discovery accepts applications from non-profits and donates employee resources to supply needed work.

Jess3 (Washington, DC)   Web Developer   March 2011 - June 2011

- Lead developer of the Nike ID shoe builder integration with Facebook, built to be reused for several different Nike ID product lines.
- Backend development for the first edition of the MTV O Music Awards voting application.

Midwest Communications, Inc. (Wausau, WI)   Software Engineer   April 2006 - May 2010

                                                                Staff Accountant   December 2000 - April 2006

- Developed a content management system in Python/Django to run the websites for 40+ radio stations http://www.mwcradio.com/. The CMS included a news management application, a blogging system to allow multi-user/multi-site publishing of entries, local community information applications, and many other site management applications.
- Migrated the company's existing web infrastructure from an exclusively Microsoft-based to an all open source environment. This migration also included moving from an in-house hardware infrastructure to one hosted on both AWS and Rackspace Cloud of which I was responsible for doing devops.

Education

Northcentral Technical College   August 1996 - May 1999

AAS Accounting

Skills

Languages

- Python, JavaScript, Go, Java, C#

Frameworks

- Django, Flask, Graphene, React/Redux, jQuery, Node.js, ASP.NET

Content Management Systems

- Wagtail, Django CMS

Databases and ORMs

- PostgreSQL, MySQL, SQLite, Redis, Django ORM, SQLAlchemy

Version Control

- Git, Mercurial, SVN

System Administration

- AWS, Digital Ocean, Heroku, Rackspace, Ubuntu Server, Docker, Celery