Taha Saidi

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(781) 492-9063

***SUMMARY***

*Versatile Python Developer with ten years experience programming Python for web applications, server-side applications, API services, intelligence gathering, and integration of services. Focus on analyzing complex systems and writing efficient code. Experienced with Django web development framework. Seeking to join a development team working on projects that make a difference.*

* ***Web Application Development:*** *Experienced in web application development with Django/Python, Tornado/Python, and Nodejs, while using HTML/CSS/JS and AngularJs for server-side rendered applications.*
* ***Database Integration:*** *Experienced with databases using ORMs/DOMs for integrating with Mysql, Postgres, Neo4J, MongoDB, SQLite, and Hadoop (big data ecosystem).*
* ***Queuing Integration****: Leveraging queueing architectures with AMQP/RabbitMQ for scalability, performance and building distributed systems.*
* ***Services:*** *Experienced in developing RESTful API services in Python while leveraging AMQP, Celery and RabbitMQ for distributed architectures.*
* ***Web Crawling:*** *Experienced in developing spiders for web scraping and intelligence gathering needs. Use of Python/Scrapy for crawling, parsing, scraping, cleaning, and transforming collected data.*
* ***Languages:*** *Advanced Python object oriented programming and scripting. Experience in Shell/Bash Scripting, HTML/CSS, Javascript, NodeJs. Now learning Golang.*
* ***Code:*** *Use of code repositories, PEP-8 for styling, Sphinx for documentation. Public projects are on my* ***Github*** *(*[*rangertaha*](https://github.com/rangertaha)*) account and private projects are on* ***Bitbucket****. Packages published in Python Package Index.*
* ***Systems:*** *Redhat certified engineer with experience in Debian derivatives such as Ubuntu as well as Redhat derivatives such as Centos, Fedora, etc.*

**2016-2016 Python Engineer Celerity IT LLC**

* Worked on the nationalgeographic.org as a backend developer
* Used Celery with RabbitMQ, Redis, MySQL, Django, and Flask to create a distributed worker framework for testing OpenStack VM instances.
* Created backend services such as an messaging HTTP pub sub with message search capabilities using Elasticsearch as a search engine.

**2014-2016 Python Engineer (Contract/Remote) Silent Circle(Blackphone)**

* Developed Django user accounts web application interface to the VOIP servers
* Integrated Django web application with other infrastructure components such as the Golang user account servers.
* Built the Silent Circle Management Console(SCMC) in Django, Python, AngularJs while integrating with infrastructure services.
* Worked on a project for testing virtual servers in OpenStack.
* Used Celery with RabbitMQ, Redis, MySQL, Django, and Flask to create a distributed worker framework for testing OpenStack VM instances.
* Created backend services such as an messaging HTTP pub sub with message search capabilities using Elasticsearch as a search engine.

**2013-2014 Python Engineer (Contract/Boston) Plus 3 Interactive Inc.**

* Developed Python/Django application for Google Analytics aggregation and reporting.
* Built efficient Node.js backend for client web application.
* Used GIS tools such as QGIS and GDAL to create vector maps for map components.
* Leveraged SaltStack event system for distributed application monitoring and reporting.

**2013-2013 DevOps Engineer (Boston) OwnerIQ Inc.**

* Developed Django application to run Hadoop using Celery for flow control.
* Created Python and Bash tools for system integrations.
* Maintained and administered Hadoop Clusters, as well as RabbitMQ, MySQL, Pentaho, LDAP, and monitoring CACI, Nagios, Salt, Splunk, and Kibana.

**2012-2013 Python Developer (Philippines/Contract) Perfect Pitch Technology Inc.**

* Created Python and Bash tools to increase efficiency of call center application system and operations; data conversion scripts, AMQP/RabbitMQ, REST, JSON, and CRUD scripts for API Integration
* Created server monitoring daemon with Psutil, supported by Django app for analytics which I created. Also researched big data solutions with Cassandra database.
* Led Dev/Ops team; Linux administration, application debugging, Bash, and Python scripting.

**2011-2012** **Technical Analyst (Afghanistan/Contract) Systems Products & Solutions Inc**

* Created a Python/Django based web application for government contract management using Python scripting for data processing, MySQL for the database, and HTML/CSS/jQuery and HighCharts for data visualization of the served pages. Installed and administered on a Linux server.
* Administered Linux servers, wrote scripts for data processing, conversion, storage, and backup.

**2006-2012 Systems Support Specialist EastBridge Partners LLC**

* Programmed, installed, troubleshot, ordered, and maintained computer hardware and software.
* Created Python scripts for automated system tasks, monitoring, and storage in MySQL database.
* Analyzed and implemented a wide range of solutions, including computer and network security.

**2003–2006 Army Ranger & Commo U.S. Army Special Operations (SOCOM)**

* Served as an Army Ranger in 3rd Ranger Battalion, Cco.
* Primary responsibilities includes responsibilities as an Army Ranger.
* Secondary responsibilities include communications architecture for deployment of telecommunications systems, communications devices, voice and data networks, and electronic devices.
* Wrote server-side daemons in python and bash for processing intelligence feeds from GPS beacons for GIS applications, C2 Battle feeds, GIS Feeds, UAVs.

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**Honors & Awards**

* U.S. Army Bronze Star
* Eagle Scout

**Government Clearance:** SECRET

**Certifications and Training**

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| 2012-2015 | Red Hat Certified Engineer, Linux | Cert ID: 120-046-230 |
| 2012-2015 | Red Hat Certified System Administrator, Linux | Cert ID: 120-046-230 |
| 2016 | Golang Course |  |
| 2015 | Penetration Testing with Kali Linux |  |
| 2013 | Hadoop Cloudera Administration |  |
| 2012 | Cisco Networking |  |