Hasan Faraaz

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SUMMARY

- Overall 4+ years of experience as a developer in Python, Web frameworks, Linux administration & a quick learner.
- Bachelors in Computer Science & Engineering from REVA ITM - 2015(VTU)

SKILLS

- Demonstrated ability in Python programming & scripting, Flask, Numpy, Pandas, REST API, JSON, Jupyter notebook, Java
- Good Understanding & Hands on in SQL, VMware vSphere, Docker, Kubernetes, HaProxy, keepalived , ESXI , Beautifulsoup, Squid, regex.
- Understanding of front-end technologies, such as JavaScript, Jquery, HTML5, CSS3
- Good knowledge on Linux/Unix operating systems (Ubuntu/Redhat/Fedora), cron (task scheduling).
- Hands-on experience in Distributed Version Control System & Agile tools like GitHub/Bitbucket, P4, JIRA, Confluence.
- Tools/IDEs Used: PyCharm, pythontutor, Regex101.com, jsoneditoronline.com, NetBeans IDE, Visual Studio Code, Eclipse, Android Studio
- Basic hands-on experience in deploying & managing apps in AWS & Heroku, Boto API.

EXPERIENCE

Akamai Technologies   JUNE`19-PRESENT
 Systems Engineer Associate/SRE(Full Stack developer & SysAdmin)

- Full stack developer using python as backend, REST, Document & Sql based databases, Javascript, Jquery as frontend
- Implemented a ticketing system of JIRA using Jira Rest api along with Python backend & HTML, Javascript frontend (Appbattery app)
- Implemented feature enhancements which required use of Python backend, postgres db & Javascript frontend. (Appbattery app)
- Fixed Unicode bugfixes in applications
- Implemented a metric based dashboard using Prometheus, Grafana & python.
- Implemented a service checker startup script & mail notifier using SMTP in python
- Implemented Load balancing using HaProxy to distribute load between 2 web applications & hosts.
- Implemented a Highly available system using HaProxy & keepalived
- Experienced in using/setting up Kubernetes cluster as single/multi master cluster
- Experienced in using docker, containerising applications
- Experienced in apache/httpd configuration & troubleshooting
- Experienced in Linux administration & troubleshooting

Galaxe Solutions   MAY `18-MAY `19
 DevOps Engineer/Python Developer

As a python developer at Galaxe solutions, I have worked on the following:
- Integrated Python SSO backend with Apache HTTP server using mod_wsgi.
- Implemented Web GUI automation using Python Selenium.
- Worked with the IT operations team to help them automate Linux and AWS tasks using OS module and Boto3.
- Implemented Recommendation System and its API (using Flask) by using Machine Learning in Python.

• Implemented a linear regression model by using numpy, pandas & matplotlib.

EMC^2 (DELL EMC)   MAR `16-APR `18
Analyst
  • Implementation & Automation Engineer for Cloud Infrastructure Services by using Python.
  • Responsible for storage management tasks for effective and efficient storage system by automation
    & creating automation scripts.

  Projects accomplished in Python:-
  • Automation of design workbook(DELL EMC's Isilon) by using openpyxl & json.
  • As built report generator for DELL EMC's ECS by using python & json parsing with rest calls.
  • DNSChecker tool for DELL EMC's Vipr SRM(Forward & reverse lookup) using sockets.
  • Snapshot Creation/Deletion in DELL EMC's Unity by Rest calls.
  • NetApp Log parser scripts for Migration by use of Rest calls & regex.

  Awards and recognition:
  • Cause for Applause(Q2-2017)
  • Cause for Applause(Q3-2017)

CERTIFICATIONS
  • Cloud Infrastructure and Services Associate Version 2 (EMCCIS).
  • Python certification from Udemy.
  • Information Storage Associate Version 3 (EMCISA).

OPEN SOURCE CONTRIBUTIONS
GitHub profile: - https://github.com/HasanFaraaz

Passionate about & currently learning: Machine learning

Stack overflow profile: - https://stackoverflow.com/users/5099964/penta

Contributor to the open source openpyxl project

Hackerrank profile :- https://www.hackerrank.com/hasanandroidapp

Published Android apps on Google Play store:-
https://play.google.com/store/apps/developer?id=jobless+scientist

Currently reading :- Fluent python
https://www.oreilly.com/library/view/fluent-python/9781491946237/