

INTERESTS

- Algorithms & Data Structures, Web Development, Automation.

INTERNSHIPS

Software Developer Intern

OpenShift Origin, Red Hat (Outreachy)

May 2016 – Aug 2016

- Contributed to a framework (FTL^[1]) for installing OpenShift (built using Ansible python API and Python) as a wrapper over the current Ansible based installer, wrote tests (using pytest) & CLI (using argparse).
- Deployed an OpenShift cluster with a master & a node containing an internal Docker registry & a router along with a sample rails application on the cluster with a PostgreSQL & a front end service while creating a Docker image for the same & finally documented^[2] the whole process as well.

Backend Developer

HashGrowth.com

Feb 2016 - Now

- Google Play Developer Console login & report fetching using python-requests, BeautifulSoup & Falcon, integration with HashGrowth using Django & PostgreSQL.
- Authentication (using django-allauth), Teams (using django-organizations) & on-board backend, scheduling & automation (using django-celery), deployments (using Nginx & upstart) also automated the process (using Ansible).

OPEN SOURCE PROJECTS

- Sjdownloader** (2014): Cross platform open source desktop app for downloading (built with Python & wxpython)^[3].
- Py-google-auth** (2016): Headless implementation of Google web login (with support for 2-Step Verification) in Python^[4] (built using requests, BeautifulSoup & Falcon).
- Cryptanalyzer** (2016): A web application for analysis of encryption algorithms^[5] (built using Django, pycrypto, blowfish & nvd3).
- Python Express** (active): contributor for PSSI sponsored open source platform for conducting & managing Python workshops; with over 50 merged commits^[6].
- Openbudgets.in** (active): contributor for CBGA driven open data portal for budgets in India^[7].
- IIPS mobile app** (2015): Hybrid mobile app for college (built using Ionic, Express.js, PostgreSQL & Sequelize).
- Drop to slack** (2016): Web app for dropping messages to slack channels from a web browser (built using Flask, web hooks).
- CPython** (2015): Got two patches merged: #25913^[8], #25822^[9].

ONLINE COURSES

- | | |
|---|------------------------------------|
| • Algorithms: Design and Analysis - Part I (Stanford University, Coursera) | 100% |
| • NAND to Tetris - Part I (Hebrew University, Coursera) | 100% (Verified Certificate) |
| • Computer Science 101 (Stanford Online) | 100% (Verified Certificate) |
| • CS101: Introduction to Computer Science (Udacity) | |
| • Programming foundations with Python (Udacity) | |
| • Web Development (Udacity) | |

EDUCATION

Devi Ahilya University

July 2012 - Apr 2017

- Master of Technology (MTech, IT) CGPA: 8.56/10

SKILLS

- | | |
|------------------------|---|
| • Programming | : Python, HTML, C, JavaScript, CSS, Ansible, Bash, Java. |
| • Frameworks | : Django, Falcon (Rest APIs), Bootstrap, Flask, AngularJS, Express.js, Ionic. |
| • Database/ORM | : PostgreSQL, MySQL, Django ORM, Sequelize. |
| • Cloud/hosting | : AWS (ec2, beanstalk), OpenShift, Docker, Vagrant & VirtualBox. |
| • Servers | : Nginx, Apache, Unicorn. |
| • OS/VCS | : *nix(Ubuntu, CentOS),git, hg. |

WORKSHOPS/TALKS

- Gave talk on “How to get started with open source” for women and underrepresented groups in tech in PyCon India (2016).
- Workshop at Acropolis Institute of Technology and Research on “Web Development using Python” (April 2016).
- “Python 101” at SRGP Gujarati Professional Institute (July 2015).
- Workshop at Diaspark Inc. on the topic of “Automation using Python” (September 2014).

[1]: https://github.com/ftl-toolbox/ftl_installer.

[2]: <http://swatij.me/outreachy/getting-started-with-openshift-v3>

[3]: <https://github.com/curioswati/sjdownloader>

[4]: <https://github.com/Hashgrowth/py-google-auth>

[5]: Hosted at <http://139.59.27.198/>

[6]: <https://github.com/pythonindia/wye/commits?author=curioswati>

[7]: https://github.com/cbgaindia/ckanext-openbudgetsin_theme

[8]: <https://hg.python.org/cpython/rev/ce5bf3290621>

[9]: <https://hg.python.org/cpython/rev/7bfc8b75ad9>