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1 Summary:

- Python developer with a total of 7+ years of IT experience, with around 4 years in python, with exposure to aws, fabric, and server administration.
- Interested in employing functional tests to counter-balance problems caused by python's duck typing. Big fan of ssh, unittest, fabric and tornado packages. Think django and flask are ok for quick CRUD web apps, but rather painful to customize even minor UI designs.
- On programming paradigms was infatuated with OOPs back when I first learnt C++, but since python, been through the OOPs is a crappy idea stage, and infatuation with functional programming stage(in recovery phase from that).
- On the Server OS side, still think centos/redhat is better than debian/ubuntu, since it has explicit daemons start on boot config (unlike debian) and slower, better tested updates(unlike ubuntu)
- On the frontend, believe the html, css, js stack is complicated and necessary[1] evil
- On work ergonomics, I've done minor experiments with standing desk, and am eager to try out a standing desk arrangement. Use Dvorak KB layout.[2]

2 Academic Qualifications:

- Master of Sciences (Cognitive Science)(Electives in HCI) 6.5 GPA from Center for Behavioural and Cognitive Sciences (CBCS), University of Allahabad. 2007-2009.
- Bachelor of Engineering (Mechanical Engineering Elective: Machine Vision) 72.5

3 Experience Summary:

3.1 Senior Software Engineer @ Chatimity Software Pvt. Ltd. -- Dec. 2013 - Oct.2014

- Built a tool that reduced time bad/porn pics, stayed on the front page of the app (based on probablistic data(generated from user flags, and minor admin feedback)
- Built a ranking system for posts, based on recency, rarity and length(of text) in the post.
- Automated setup of development box (Reduced dev machine setup time from a day to 2-3 hrs, contingent on network speed)
- Wrote scripts for monitoring backend server stats (redis stats command, sar command etc). and reduced the response time in case of downtime.

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[1] necessary because of current tech stack, which might be obsolete with html5+ versions to come.

[2]Some evidence for other layouts being better, however typing speed is not the bottleneck in programming, switching to Dvorak was an experiment and stayed as it felt comfortable

3.2 Product Engineeer (R&D) @ maxHeap Techonologies Pvt. Ltd. -- Jul. 2013 - Sep.2013

- Built a tool for image uploading to aws S3 bucket(and rotation, if needed) from a google spreadsheet which more than halved the man-hours.
- Script for granting modifying the sudoers access on a linux servers based on a json added data.

3.3 Software Engineer(TL) @ CSSCORP Technology Pvt. Ltd. -- Oct . 2011 - May.2013

- Built a Django based GUI for configuring NetScaler Load Balancer configurations
- Automated Virtual IP configuration migration across two Load Balancers and routers -- Halving the man-hours used up by the Network Engineering team.
- Added a User Account, geo-analytics graphs and tools for a domain redirection tool.

3.4 Software Engineer @ Webnotes Technologies Pvt. Ltd. -- Aug . 2010 - June.2011

- Simple python script to update a given svn repo folder and reset the permissions on the contents.
- Module manager for importing and executing python modules from the filesystem,c
- Basic database test cases for a js driven,meta-data based web-app development framework. [3]

3.5 Software Engineer @ Whitewall Networks Pvt. Ltd -- Jan.2010 -- Mar.2010

- A python Package, to assign each user to a group, each of which has a specific set of permissions Create,Delete,Update,Migrate) of Machine Images,Volumes,Disks,Users,Cost limits,Applications etc. Used Django-ORM to store the tables on a MySQL DB.
- Scheduler-Job package A Mixin-class around the python APScheduler and multiprocessing library.(for executing remotely in individual processes arbitrary python code and managing them)

3.6 System Analyst @ IBM Global Services India Ltd. -- Aug.2004 - Mar.2007

- Sales order Upload: Automatically read sales order headers and lines from an ASCII text file, sorts them according to the Sales order header and then creates/upgrades the sales order and lines table in Baan.
- Report Customization: Report Layout modification for Sales Invoice layout of Hungary,china,chile. The key challenge was that Baan Reports had a limit of 128 fields that could be exported to the report, based on boolean value of RoHS fields.
- Customized the Finance Transaction session to allow upload of single transactions, currency-wise, thereby enabling the users to insert a transaction to balance the fiscal batch and close the year.

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[3] Also did a lot of Server Administration,LAMP Server setup,replication between a mysql master and percona slave, High Availability on a centOS Server for an online ERP Application.

4 Some samples of my work:

- http://www.linkedin.com/in/anandjeyahar

- http://github.com/anandjeyahar

- http://www.anandjeyahar.net/hobby-projects-live