**Sohan Akolkar**

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**Education**

M.S., Computer and Information Science  
 **University of Oregon (UO)**, Eugene, OR, USA Jun 2011   
B.E., Computer Engineering  
 **University of Pune**, Nashik, Maharashtra, India Jun 2008

**Professional Experience**

**TransPerfect Translations, OneLink team, Corvallis, OR, USA** Jul 2011 – Present

*Systems Administrator*

* Web crawling client websites using UNIX based proxy tool and creating translatable files from databases.
* Creating/managing Apache and proxy configuration files using Subversion and deploying them to 50+ testing/staging virtualized machines. Machines are virtualized using VMWare ESXi servers and virtual machines have CentOS and RHEL(6/7).
* Automating recurring processes using BASH/Python scripts and CRON jobs.
* Part of the team that manages RSA keys and VPN profiles on RHEL (6/7) virtual machines for
* engineers in all US offices.
* Monitoring logs and troubleshooting network related issues for load balanced production data-

centers and AWS clusters consisting of 200+ servers (RHEL 6/7) spread across the globe.

* Installing/updating software packages and patches on testing and staging environments.
* Training new hires and assisting the manager in claiming/delegating tasks within the team.
* Gaining confidence and trust from the clients by explaining technical details about the proxy solution.

**Computer Skills**

* *Languages/Databases* : Bash, Python, Ruby, PHP, HTML, CSS, XML, JavaScript, MySQL
* *Operating Systems* : Linux (RHEL/CentOS/Fedora/Ubuntu), Macintosh, Windows
* *Other Tools* : AWS, CMS, Apache, Chef, Puppet, Version Control (Subversion, GitHub), Virtualization (VMWare, KVM), JIRA, MySQL Workbench, LATEX

**Academic Projects**  
**Project Management System***, Database Processing Course, UO, Eugene, OR* Jan – Mar, 2011

* Developed a website to manage multiple company projects with HTML, CSS, PHP as front end and MySQL as back end. Created Database schema using MySQL Workbench to retrieve normalized tables of company, project, department, tasks, user and calendar using MySQL queries.

**TAG Alignment***, Bioinformatics Course, UO, Eugene, OR*  Jan – Mar, 2011

* Successfully extracted and counted mismatches of Transposon Associated Genome for Biology department by developing website in HTML, PHP, Java. The website consisted of web interface to input Raw Illumina Sequence Data and generate the count of potential mismatches in an output file on a local server using Linux, Apache and PHP.

**Other Interests**

* Cooking: Fascinated by variety of cuisines around the world.
* Biking: Explore nature while biking and daily commute as an eco-friendly alternative to car.