

Rahul Shinde

Sunnyvale, California | (530) 566-4698 | Email: rvshinde008@gmail.com
[linkedin.rshinde.com](https://www.linkedin.com/in/rshinde.com) | [github.rshinde.com](https://github.com/rshinde.com) | rshinde.com

EDUCATION

MASTER OF SCIENCE - COMPUTER SCIENCE <i>California State University, Chico</i>	<i>Aug 2014 - Dec 2016</i>
BACHELOR OF ENGINEERING - COMPUTER ENGINEERING <i>University of Pune</i>	<i>Aug 2008 - May 2012</i>
ASSOCIATES OF COMPUTER ENGINEERING <i>Cusrow Wadia Institute of Technology, Pune</i>	<i>Aug 2005 - May 2008</i>

TECHNICAL SKILLS

PROGRAMMING/SCRIPTING:	Bash , Python
VIRTUALIZATION & CLOUD TECHNOLOGIES:	Amazon Web Services (AWS) , Google Cloud Platform (GCP), Cloudstack, vSphere
DATABASES & STORAGE:	MySQL , MongoDB, RDS, S3, RAID 0,1,10,5
NETWORKING:	TCP/IP, DNS , LDAP, SSH, Routing Protocols, Active Directory
TOOLS & FRAMEWORKS:	Docker , Splunk, Git , SVN, Jenkins, VMWare, Packer, Terraform , Ansible, Kubernetes, Nagios, CheckMK , Datadog, Tomcat, Apache, LAMP, Foreman , Spacewalk, PXe boot, Cron jobs, Tungsten, Apache Solr, Google Analytics, Microsoft Power BI
OPERATING SYSTEMS:	Linux , MacOS, RHEL, CentOS
CERTIFICATIONS:	AWS Certified Solutions Architect Associate (Preparing) Google Analytics

PROFESSIONAL EXPERIENCE

LINUX SYSTEM ADMINISTRATOR , <i>Adobe Inc., San Mateo, CA</i>	<i>March 2018 - Current</i>
<ul style="list-style-type: none">• Maintain and deploy EC2 instances, Docker containers and VMs in production using Terraform and Cloudstack• Configure and automate active monitoring tools sets and analytics dashboards (Nagios, Check MK, Datadog)• Developed CI/CD pipeline to fully automate the build and deployment processes using Jenkins, Scripts, and AWS• Maintain services once they are live by measuring and monitoring availability, latency, and overall system health and provide 24x7 on-call support• Troubleshoot issues in production and other environments, applying debugging and problem-solving techniques to improve systems, while working closely with Development, QE teams	
CLOUD INTERN , <i>The Fusion Advertising, NY</i>	<i>Jan 2016 - Oct 2017</i>
<ul style="list-style-type: none">• Designed, implemented & maintained all AWS infrastructure and services within a managed service environment• Responsible for maintenance and configuration of user accounts for dev, qa and production servers and creating roles for EC2, RDS, S3, CloudWatch, EBS resources to communicate with each other using IAM• Develop and modify Python/Shell scripts to automate redundant work	
SOFTWARE INTERN , <i>Distributed Learning Technologies & Technology and Learning Program, CSU Chico, CA</i>	<i>Jan 2015 - Dec 2015</i>
<ul style="list-style-type: none">• Monitored and investigated system startup issues using Splunk and raised it to concerned team for further resolution• Took an initiative and designed Google Analytics dashboard to analyze Bb Learn application traffic• Monitor and test application performance for potential bottlenecks, identify possible solutions by working with developers to implement those fixes	
SYSTEMS ENGINEER , <i>Hashtrix Technologies Pvt. Ltd., India</i>	<i>Aug 2012 - Jan 2014</i>
<ul style="list-style-type: none">• Experience in configuring servers in foreman and building them by kickstarting in RHEL and CentOS• Deploy and manage upgrades to application servers, web-servers, and other Infrastructure• Proactively ensure the highest levels of systems and infrastructure availability and design and develop new methods for improving the development environment	

PROJECTS

AUTOMATION USING TERRAFORM, AWS - <i>AWS EC2, S3, ELB, IAM, RDS, CloudWatch, Terraform</i>	<i>May 2019</i>
<ul style="list-style-type: none">• Deployed static website on AWS and monitored incoming traffic using CloudWatch• Infrastructure automation with Terraform to create/destroy EC2 instances	
PYTHON WEB SCRAPING TOOL - <i>Python, JSON, Git, Scrapy</i>	<i>Aug 2018</i>
<ul style="list-style-type: none">• Implement Python scripts to crawl through the websites to push or extract data from it.• Scrapy framework is used for data extraction from websites like Facebook, LinkedIn, Twitter and more.	
OPTIMIZED FILE HANDLING : SMALL FILES IN HADOOP DISTRIBUTED FILE SYSTEM (HDFS) - <i>Hadoop, HDFS, Docker, Git, Splunk</i>	<i>May 2017</i>
<ul style="list-style-type: none">• Created and configured Linux Docker images and installed Hadoop cluster on them.• Implemented and incorporated a technique to enhance HDFS capacity to handle small files.• Benchmarked and verified improved HDFS performance for small files.	