**SKILLSET**

Languages Python, Bash, PHP, C, C++, Perl, XML, JSON, YAML

Configuration Management Ansible

DevOps Terraform, Packer, Vagrant, Docker, Kubernetes

CI/CD Concourse, CodeFresh

Monitoring Datadog, LogicMonitor,

Backend Flask, Zend Framework 1

Frontend HTML 5, CSS 3, JavaScript, jQuery, Bootstrap, Sass

Databases Oracle, PostgreSQL, MySQL, DynamoDB

Version Control Git, GitHub, BitBucket

Collaboration Tools JIRA, Confluence, MediaWiki

Networking Routers, Switches, Firewalls, TCP/IP

Virtualization VMware, Microsoft Hyper-V, KVM/QEMU

QA / Test Automation Selenium, Robot Framework, TestLink

**WORK EXPERIENCE**

**Sr. Site Reliability Engineer**

*iStreamPlanet, Austin, TX Apr 2020 – May 2021*

* Developed Infrastructure-as-Code in Terraform for AWS and other infrastructure.
* Developed CI/CD pipelines in CodeFresh.
* Developed and maintained network deployment tooling built around Ansible.
* Developed security and compliance monitoring and remediation framework in Python.
* Managed monitoring and alerts in Datadog and ThousandEyes.
* Managed application deployments in Kubernetes.
* Provided on-call support for network and infrastructure.

**Tools and technologies used:** Python, Terraform, AWS, CodeFresh, PagerDuty, VMware, Docker, Kubernetes

**DevOps Engineer**

*IBM, Austin, TX Mar 2018 – Apr 2020*

Team: Continuous Delivery

* Developed automated deployment tools in Python and Bash.

Team: Continuous Integration

* Created CI/CD pipelines for Concourse and maintained the CI/CD server infrastructure.

Team: Security and Compliance (DevSecOps)

* Developed a solution for running vulnerability remediations scans in SecurityCenter, from JIRA. Gathered and iteratively refined requirements, architected the solution and implemented it in Python.
* Managed the project (stakeholder expectations, deliverables, timelines) and facilitated tool adoption.

**Tools and technologies used:** Concourse CI, Python, Flask, Packer, KVM/QEMU, libvirt, Ubuntu, Tenable SecurityCenter, JIRA, REST APIs, Docker

**DevOps Engineer**

*Infor, Austin, TX Jul 2017 – Jan 2018*

* Developed a Slack chatbot in Python for querying AWS.
* Developed Infrastructure-as-Code for AWS using CloudFormation and Ansible.
* Configured application monitoring using Graylog, LogicMonitor, OpsCenter and PagerDuty.

**Tools and technologies used:** Amazon Web Services, Python, Ansible, Errbot, boto3, Slack, PyCharm, Git, SourceTree, JIRA, Confluence, Graylog, LogicMonitor, Datastax Opscenter, PagerDuty

**Software Developer**

*Screen Innovations, Austin, TX Feb 2017 - May 2017*

* Developed NetSuite SuiteCommerce Advanced eCommerce store using JavaScript and CSS.
* Managed software infrastructure and created development environments using Vagrant.

**Tools and technologies used:** NetSuite, SuiteCommerce Advanced, SuiteScript, Bootstrap, JavaScript, Backbone.js, Underscore.js, Sass, WordPress, Vagrant

**Software Developer**

*Meeting Expectations, Austin, TX Apr 2016 - Aug 2016*

* Developed conference management web application in PHP using Zend Framework 1.
* Provided on-site developer support at conference venues.

**Tools and technologies used:** CentOS,PHP 7, Zend Framework 1, Apache, Percona server, HTML, CSS, JavaScript, Bootstrap, jQuery, PHPStorm, Sequel Pro, MySQL Workbench, Virtualbox, Xdebug, Git, SourceTree, JIRA, HipChat, Confluence

**QA Specialist**

*AT&T Wi-Fi Services, Austin, TX Feb 2013 – Oct 2015*

* Tested bugs and features in network applications and walled garden webpages.
* Led a QA team, reported metrics to management and assisted in release management.
* Uncovered a high impact discrepancy in data and coordinated with cross-functional teams for resolution.
* Developed DevOps/QA scripts in Perl and Python. Facilitated adoption of test automation in QA team.

**Tools and technologies used:** Debian, Oracle, PostgreSQL, Switches, Access Points, Oracle SQL Developer, Eclipse, JIRA, TestLink, Excel, Perl, Python, Bash, SQL, SVN, Selenium, Robot Framework

**System Administrator / QA**

*AMD, Austin, TX Nov 2011 – Feb 2013*

* Managed server and network infrastructure, improving reliability and resource organization.
* Proposed and implemented a VMware ESXi 5 virtualization cluster (full-cycle).
* Performed QA for hardware benchmarking automation, devised solutions and led a team for large releases.
* Briefly served as a Junior Product Owner for processor benchmarking.

**Tools and technologies used:** Windows Server 2008 R2, Linux, Cisco 6500 series managed switches, unmanaged Cisco/SMC/HP/Dell switches, VMware ESXi 5, HP MSA 1000/1500 SAN, Fiber channel switches, PXE, Microsoft System Center Data Protection Manager 2010, Drobo, RAID, JBOD, Excel, Computer hardware (server/desktop/mobile), BIOS

**Compatibility Technician**

*AMD, Austin, TX July 2011 – Nov 2011*

* Executed automated benchmarks on mobile, desktop and server systems for analysis and validation.

**Tools and technologies used:** Computer hardware (server/desktop/mobile), BIOS, custom hardware testing software.

**Tier 1 Technical Agent**

*AT&T Wi-Fi Services, Austin, TX May 2010 – Dec 2010*

* Provided tier-1 technical support for AT&T’s commercial Wi-Fi hotspots.

**Tools and technologies used:** Computer networking, helpdesk tools

**Technical Support Agent**

*Harte-Hanks, Austin, TX Aug 2009 – Jan 2010*

* Provided tier-1 technical support for Microsoft’s Business Productivity Online Suite – Dedicated.

**Tools and technologies used:** Exchange Online, Outlook/ Outlook Web Access, Office Communications Server, Live Meeting, SharePoint Online, Forefront Online Security for Exchange. Customer Assistance Portal, Siebel.

**EDUCATION**

**Bachelor of Engineering (Electronics and Telecommunications)**

*University of Pune, Pune, India Nov 2008*

**CERTIFICATIONS**

**HCTA** Hashicorp Certified Terraform Associate *May 2020 – May 2022*

**MCTS** Windows Server 2008 Active Directory: Configuration *April 2010*

**CCENT (expired)** Cisco Certified Entry Networking Technician *Nov 2016 – Nov 2019*

**OTHER INFO**

Work Authorization US Citizen  
Relocation preference Remote, Los Angeles CA, Bay Area CA, New York NY, Dallas TX, Houston TX.