

ANHAD JAI SINGH

PERSONAL INFORMATION

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ABOUT ME

I'm a curious guy, I ask questions and I like to learn.
I try to stay on the cutting edge of tools, technology and culture.
Interested in all things Networking, Linux, Containers, Distributed Systems and Open Source.

WORK EXPERIENCE

- Tower Research* **May'17–Apr'18 Tech Lead, Cloud Services — Gurgaon**
Working as part of team building on-prem cloud infrastructure.
- On-boarding clients and applications onto Kubernetes.
 - Researched, designed, demoed and rolled out a custom network ingress, loadbalancing and DNS solutions for on-prem Kubernetes clusters.
 - Contributed to FOSS projects such as [pdns](#) and [external-dns](#) as part of these efforts.
- Reference #1: Neil TIWARI · Team Manager · [REQUEST EMAIL](#)
Reference #2: Myung CHO · Division Manager · [REQUEST EMAIL](#)
- Tower Research* **Aug'15–May'17 DevOps, Core Engineering — Gurgaon**
Worked as part of an innately cross-functional team to improve developer workflow and productivity by writing tooling to automate and streamline processes.
- Worked as part of a team to build, test and roll out the server-side component of a meta-SCM system that keeps track of cross-project source dependencies, now widely deployed.
 - Designed and delivered a simple server-client system used for update notification management of command line tools.
 - Designed, proposed and rolled out a revamped, containerized build infrastructure for CI/CD using Docker, Kubernetes and Jenkins over 8 months, migrating over 300 jobs used by over 100 developers in the process.
- Reference: Rahul BALANI · Division Manager · [REQUEST EMAIL](#)
- Mozilla* **May'15–Jul'15 Release Engineering Intern — San Francisco**
Worked with multiple teams within Mozilla to plan and execute migrations of existing services and build configurations to newer systems/platforms with more robust setups. Most work involved Ansible, Docker, AWS and an internal platform called Taskcluster.
- Reference: Hal WINE · Sr. Release Engineer · [REQUEST EMAIL](#)
- IIT Hyderabad* **Feb'14–Aug'15 Junior System Administrator — Hyderabad**
Worked as Junior System Administrator, managing and maintaining the Institute's Servers used by over 2000 users.

	<i>May'14–Aug'14</i>	Release Engineering Intern — San Francisco
Mozilla		Worked with Mozilla's globally distributed team of Release Engineers to develop a new on-demand partial software update generation system for Firefox called Funsizer. Reference: Hal WINE · Sr. Release Engineer · REQUEST EMAIL
	<i>Jun'13–Aug'13</i>	Automation & Tools Intern, Mozilla — Remote
Google Summer of Code		Worked with Mozilla's Automation and Tools Team remotely to analyze and improve test coverage for an python library suite called Mozbase. Reference: Clint TALBERT · Director Automation & QA · REQUEST EMAIL

VOLUNTEER EXPERIENCE

	<i>Jun'14–Nov'14</i>	Community Building, RELEASE ENGINEERING
Mozilla		Recognized for bringing in and mentoring new contributors. Helped make the team's work more approachable for new volunteers.
	<i>Dec'12–Dec'13</i>	Volunteer Contributor, AUTOMATION & TOOLS
Mozilla		Helped fix numerous bugs across different test suites and testing frameworks.
	<i>May'13–May'15</i>	Head, OPEN SOURCE DEVELOPMENT GROUP
Open Source Development Group, IIIT-H		Built awareness about F/OSS software, encouraged contributions to the community. Organized talks and hackathons to encourage community growth and learning. Greater awareness and encouragement helped increase the Google Summer of Code selections from 16 (GSoC '12) to 69 (GSoC '14). Regular writer for the Group's Technical Blog.

SKILL SET

Proficient	PYTHON, BASH
Basic	C, C++, Go, JAVASCRIPT
Version Control	GIT, MERCURIAL
Misc	DOCKER, KUBERNETES, ANSIBLE, LINKING AND LOADING IN LINUX
Compute Clouds	GOOGLE COMPUTE ENGINE, AWS, DIGITAL OCEAN
Operating Systems	Linux(Preferred), OSX, Windows

EDUCATION

Bachelor's in CS (Hons. CV & AI)	2011–15 · International Institute of Information and Technology, Hyderabad
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ONLINE ALIASES

Github · [ffledgling](#)
 Twitter · [ffledgling](#)