BAMA CHARAN KUNDU

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Current Location: Bangalore, India

SUMMARY

I have been leading the effort to build and maintain https://registry.centos.org to keep CentOS based apps and dependencies updated. I have worked with different DevOps and CI-CD tools, like Docker, Ansible, Jenkins, Kubernetes, OpenShift etc. to find and implement better ways for application lifecycle management. I have also been developing web based applications based on Node.js, Angularjs, and worked on managing system and health check up for applications, automated testing and RCA.
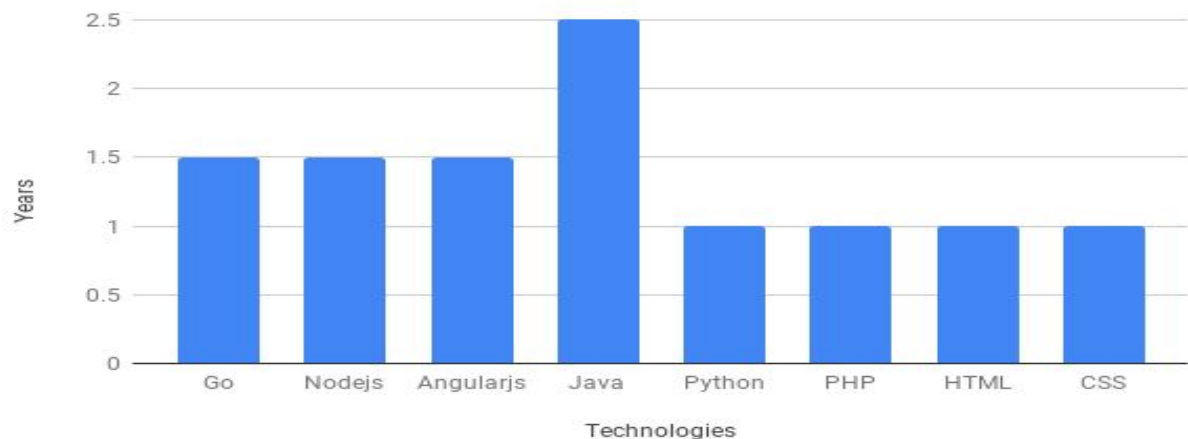
SKILL STATISTICS

Skills: Docker, Ansible, OpenShift, Kubernetes, Jenkins, nginx, Artifactory, SonarQube, Grunt, Gatling, HP RUM, CA Release Management.

Years vs. Tools
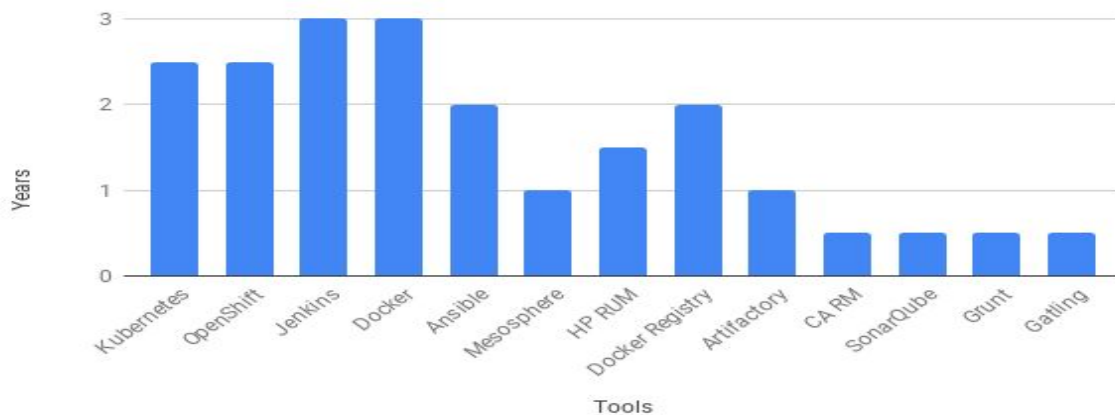
Years vs. Technologies

WORK EXPERIENCE

Sr. Software Engineer, R&D Developers, Red Hat, Jan 2016 - Present
At Red Hat, I work as lead for running build cluster for registry.centos.org service, running in OpenShift. We run the backing service and API server, CentOS Container Pipeline, for registry.centos.org to make sure it keeps all the apps and dependencies updated. I work on developing, deploying and maintaining different microservices based developed using Node.js, AngularJS, Go and deployed in kubernetes and OpenShift clusters. I also work for building and maintaining helm, source-to-image etc.

DevOps Lead, ALM Tools, Cybage Softwares Pvt. Ltd. Nov 2014- Jan 2016
At Cybage, I work as DevOps lead on Application Lifecycle Management using different tools like Docker, Chef, Mesos, Mesosphere, etc. I also look after implementing CI-CD for different projects using tools like Jenkins, build tools like Grunt, Maven etc. I also work to develop web applications using Node.js, AngularJS.

System Engineer, Apache Tools,Tech Mahindra Ltd. April 2012 - Oct 2014
At Tech Mahindra, as part for Apache tools team, I had developed different tools like Automated Health Check, SSL Certificate Check, etc for applications. I also used to work on automating different system level and application level checks for different large scale applications.

INTERESTS

Web Development, DevOps, Continuous Integration-Continuous Deployment, Infrastructure Management with clusters, Scaling, machine learning and AI.

OPEN SOURCE DEVELOPMENT WORK:

- Maintainer of https://github.com/CentOS/container-pipeline-service
- Maintainer of https://github.com/centos/container-index.git
- Maintainer of https://github.com/bamachrn/reg as registry.centos.org GUI
- Wrote a desktop application software openzilla in python, MySQL, gtk+.
- Wrote patches for wordgroupz, a vocabulary building application.
- Wrote a patch for xnoise music player in vala.
- Worked for an application for maintaining the records of Food-for-Life project written in python, gtk+, MySQL.

ACADEMICS:

- **Bachelor of technologies** in Information Technology from West Bengal University of Technology, 2007-2011 (DGPA-CGPA 8.45)
- **Higher Secondary** from W.B.C.H.S.E., 2007 (Aggregate: 76.8%)
- **Madhyamik** from W.B.B.S.E., 2005 (Aggregate 84.5%)

REFERENCE
- **Ratnadeep Debnath,** SRE, Zapier, rtnpro AT gmail DOT com
- **Dharmit Shah**, Sr. Software Engineer, Red Hat, dharmit AT redhat DOT com