



Krishna Harsha Voora

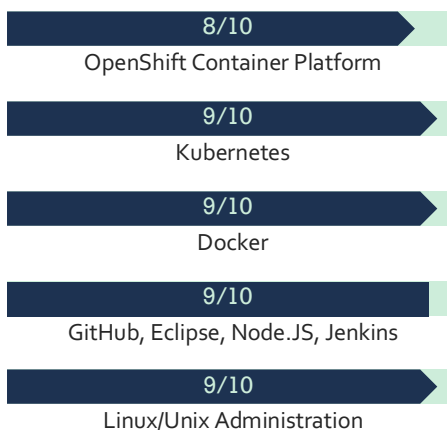
SOFTWARE DEVELOPER

~ 8 Years

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Harsha works on helping clients with their Journey to Cloud and digital transformation.

Focusing on complex integration and application modernisation. Influence the enterprise clients and IBM teams to confidently adopt cloud platform and services. He is an excellent communicator & collaborator.



Bachelor Of Technology - CSE

ASR College of Engineering

2008-2012

Schooling

Kendriya Vidyalaya

1996-2008

Software Developer - Cognitive Systems

IBM India Software Development Labs / Bangalore / Jun 2018 – Till date 1 Year 9 Months

Working on enabling ISVs & clients with IBM Cloud Platform(s) and IBM Power Systems. Helping in porting of software to Linux on Power architecture. Creating Benchmarks with performance optimization for workloads on cloud platform.

- Understanding Container Density in Red Hat's OpenShift Container Platform with MongoDB & NodeJS on IBM POWER Systems
<https://developer.ibm.com/tutorials/mongodb-nodejs-on-openshift/>
- Presented in OpenPOWER Summit 2019 where I talked about different container density tests across different architectures and emphasized on price/performance benefits
https://www.youtube.com/watch?v=4fJkiUR1JQo&list=UUNVcHmogeXVbvUzZkQso_Sg&index=12
- Part of study group that understood Impact of Kubernetes QoS in Red Hat's OCP on IBM POWER Systems & other architectures
- Understanding I/O aspects of IBM POWER Systems with EDB
- A Major Contributor to designing of OpenSource Availability Tool – OSPAT
<https://developer.ibm.com/linuxonpower/open-source-pkgs/>
- Was involved in porting of Multichain to IBM Z Systems and rolling out a production deployment of Multichain on IBM Z System's in India's First CoE Infibeam Avenues.

Software Engineer - Application Consultant

IBM India Software Development Labs / Bangalore / Nov 2015 – Jun 2018 2 Years 7 Months

As a Blockchain Consultant / Developer part of IBM ISDL – ISV Team whose charter was Linux on POWER Ecosystem, I was responsible to define and develop Blockchain Use-Case(s) by taking business & product centric view.

- We created a PoC focused on Supply Chain Industry, with this PoC we came up with an innovative Modernized Enterprise Solution, which was based on IBM's Blockchain Solution (Hyperledger Fabric) and Oracle DB as existing Systems of Record (SOR)
<https://developer.ibm.com/tutorials/connecting-application-data-with-blockchain/>
- We have also uncovered potential bottle necks in "Go" on IBM POWER



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leveraging *pprof* and *flamegraphs* tools.

- I ensured Hyperledger Fabric on IBM POWER Systems was active and available on Community, I identified / proposed fixes via PR that ensured latest codebase for HLF was active on IBM POWER Systems
- Worked towards creation of offerings which then was absorbed into IBM Blockchain Offerings
- Presented IBM's Hyperledger Fabric at various Forums like YourStory, Meetup's and IBM's Developer Day
- Have mentored and evaluated various Start-Up(s) proposals at NIPP Innovation Day & Blockchain Hackathon – 2018
- Co-Author'd IBM Developer Article which talks about Creating a High Availability Setup on Linux on POWER Systems leveraging Opensource DRBD

<https://developer.ibm.com/articles/l-high-availability-setup-lop/>

Infrastructure Engineer / Unix System Administrator

IBM India Software Development Labs / Bangalore / Feb 2015 - Nov 2015

10 Months

As a contractor to IBM GBS (from Caritor Solutions India Pvt. Ltd) I was responsible to provide support to Clients queries/issues via PMR/Chat Request in Power Development Platform. In this role

- Deep understanding of technology with focus on delivering business solutions
- With strong Unix Administration background I used to manage Client systems remotely
- Installation of AIX, VIO, HACMP, RHEL, SUSE, Ubuntu Operating System, system initialization and services, user administration, network configuration
- Configuring Network Bonding, Network Aliasing and Network Aliasing over bonded Interfaces
- Managing and Mitigating Filesystem(s)/Logical Volume(s)/Volume Group(s) issues
- Troubleshooting Network Configuration issue(s)
- Carving out LPARs/VMs using different build mechanisms
- Creating Complex Environment for Clients to leverage for benchmarking exercises