

Joji Antony

jojiantony@yandex.com
+91 96323 41954

Profile Back end leaning full stack developer with 8+ years of experience in the IT industry, revolving around designing, building, testing and implementing infrastructure software solutions for clients in diverse industries.

Education **Undergraduate College Education**
Bachelor of Technology in Computer Science and Engineering from College of Engineering, Trivandrum

Technical Skills **Technologies**
Go, Python, C, C++, Java (EE 6, Hibernate), Javascript (React, Redux), Perl, Docker, Kubernetes, MySQL, Postgres etc

Platforms
Amazon Web Services, Heroku

Work Experience and Projects Employed at Arista Networks since April 2018

Arista CloudVision Portal *2018 - Present*

CloudVision is a network management platform which is based on Arista Network Database. Arista EOS is a Linux based Network OS that is capable of being extended with an application which can stream the current switch state to a network management platform and form a network database (NetDB). This extension can be used to provision configuration, stream telemetry, run scripts etc as directed by the network management software (CloudVision).

Accomplishments

- Setting up a Kubernetes based container farm for devices for scale testing
- Coordinating and facilitating the quick on boarding of new members by using a Sphinx based course
- Creating scale tests with reporting features using InfluxDB
- Improving product scale to support more devices
- Developing automated tests for new and existing features
- Providing support to customers during on-call rotation

Nutanix Move *2016 - 2018*

Nutanix Move is a migration platform to migrate workloads from legacy infrastructure to Nutanix Cloud. It consists of Xtract for migrations and Xplorer for reconnaissance.

Nutanix Cloud is a hyper-converged private cloud platform from the authors of Google File System that unifies storage, compute and networking into a single pane of management glass and a scale out design.

Accomplishments

- Lead the AHV hypervisor support feature in Nutanix Xtract for DBs
- Implemented error handling and remediation of Nutanix Xplorer
- Lead the release of Nutanix Xplorer 1.0.

HPE Hyperconverged cloud

2016 - 2016

HPE Hyperconverged was a private cloud platform project based on HPE StoreVirtual storage aggregator software. On this project as a front end developer, my role was to work with the user experience team to implement the user interface in React and Redux.

Accomplishments

Implemented Image Management UI

HP Network Management Center

2013 - 2016

HP Network Management Center is a collection of software that helps users analyze, manage and monitor their networks. The software uses SNMP, CDP etc to detect network topologies, stitches them into a graph, polls the devices periodically and reports root causes using an analyser engine. The software also provides integration to other automation platforms for remediation and run book automation among other features.

Accomplishments

- Improving SNMP v3 USM specification compliance in the SNMP stack
- Enabling Network Function Virtualization support
- Port the Network Engineer's Tool set to Linux
- Add UI support for Safari on Mac
- Adding CSRF protection to the NNMi
- Released NNMi SPI NET 10.0, 10.10, 10.20, NNMi 10.10 and NNMi 10.20
- Solved many multi-threading issues (ACE framework)
- Solved many cache coherence issues
- Released NNM 7.53 Intermediate Patches 31 and 32

Side projects

Plivo Call Center

2015-Present

Functional call center application using Plivo API running on the Heroku Platform
<https://github.com/simula67/plivo-callcenter>

Online Profiles

LinkedIn : *www.linkedin.com/in/joji-antony*

Github : *<https://github.com/simula67/>*