

## Joji Antony

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**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, Kubernetes, 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 from the designers of SNMP. The software discovers network topology, 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](http://www.linkedin.com/in/joji-antony)*  
**Github :** *<https://github.com/simula67/>*