

## Joji Antony

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**Profile** Back end leaning full stack software engineer with 7+ years of professional experience building IT infrastructure software. Proficient in developing software systems that have very high requirements of stability, security and scale. Deeply committed to usability, maintainability and security. Loves shipping, helping businesses and customers succeed.

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

**Technical Skills** **Languages and Frameworks**  
Go, Python, C, C++, Java (EE, Hibernate), Javascript (React, Redux), Perl

**Tools**  
Docker, Postgres, MySQL, Jboss, Git, Maven, Linux Containers etc

**Platforms**  
Nutanix Enterprise Cloud, Amazon Web Services, UNIX, Windows

**Work Experience and Projects** Employed at Arista Networks since April 2018

**Arista CloudVision Portal** *2018 - Present*

### *Roles and Responsibilities*

- Design, implement, support and lead new feature development for Arista Cloud-Vision Portal
- Write automated tests
- Support customers during on-call rotation

### *Accomplishments*

- Setup a Kubernetes based container farm for devices for testing scale
- Improving on boarding flow for newcomers with a Sphinx based course
- Writing scale tests with reporting using InfluxDB

**Nutanix Xtract** *2016 - 2018*

### *Roles and Responsibilities*

- Design, implement, support and lead new feature development for Nutanix Xtract
- Enable QA engineers, documentation team and front end developers
- Support customers through on-call support

### *Accomplishments*

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

### **HPE Hyperconverged cloud**

*2016 - 2016*

Front end developer at HPE Hyper converged cloud team

### *Roles and Responsibilities*

- Implement the User Experience designed by designers for HPE HCI
- Iterate on designs and provide critical design feedback for designers
- Deliver a usable and useful hyper converged product on time

### *Accomplishments*

Implemented Image Management

### *Technologies*

ReactJS, Webpack, Gulp, SASS

### **HP Network Management Center**

*2013 - 2016*

Worked as a core developer and security engineer for HP's Network Management Software called Network Node Manager i

Also worked as lead developer and lab support engineer for NNMi Network Engineer's Toolset

### *Roles and Responsibilities*

- Design and implement new features end to end from front end to back end
- Enable other team members like QA, test automation, documentation members
- Mentor new team members
- Take lead and innovate to improve process and communicate the value delivered

### *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 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

### *Technologies*

Java EE, JavaScript Dojo framework, Java Swing, etc

## **HP Network Node Manager 7.x lab support**

*2011 - 2013*

Lab support engineer for Hewlett-Packard's premier Network Management Solution called NNM

### *Roles and Responsibilities*

- Triage and solve customer reported issues through analyzing core dumps and logs
- Deliver timely hot fixes and release patches

### *Accomplishments*

- Solved many multi-threading issues (ACE framework)
- Solved many cache coherence issues
- Released NNM 7.53 Intermediate Patches 31 and 32

### *Technologies*

C, C++, Perl, SQL, Java

## **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>*

## **Open source**

### **Perl 6 LWP**

*Merged a patch to Perl 6 LWP to match output of Perl 5 LWP*  
*<https://github.com/simula67/perl6-lwp-simple>*

### **Perl 6 Test Suite**

*Merged a patch to re factor some of Perl 6 official test suite*  
*<https://github.com/simula67/roast>*

## **Online Profiles**

**LinkedIn :** *[www.linkedin.com/in/joji-antony](http://www.linkedin.com/in/joji-antony)*

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