

**Profile** Back end leaning full stack software engineer with 5+ years of professional experience building IT infrastructure software. Proficient in developing beautiful 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

**Technologies** **Programming Languages**  
Python, C, C++, Java, Javascript, Perl ...

**Frameworks**  
Python Flask, Python Django, JavaScript Dojo, ReactJS, Java EE 6 ...

**Tools**  
Docker, Postgres, MySQL, UNIX, Jboss, Git, Subversion, Maven, GNU Toolchain ...

**Platforms**  
Heroku, AWS, Linux

**Work Experience and Projects** Employed by Nutanix since June 2016

**Nutanix Application Mobility Fabric Team** *2016 - present*

*Accomplishments*

Implemented error handling for AMF Xplorer  
Implemented infinite scrolling back end support for AMF Xplorer

**HPE Hyperconverged cloud** *2016 - 2016*

Front end developer at HPE Hyperconverged cloud team

*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

### *Accomplishments*

- Improving SNMP v3 USM specification compliance in the SNMP stack
- Work on enabling Network Function Virtualization support
- Port the Network Engineer's Toolset to Linux; including build and test infrastructure
- Add support for Safari on Mac
- Adding CSRF protection to the NNMi

### *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

### *Accomplishments*

- Adding support for filtering in the Applet based UI
- Solved many multi-threading issues that were frustrating customers
- Solved many cache coherence issues

### *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 work 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 refactor some of Perl 6 official test suite*

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

### **Snaplr packaging for Chocolatey**

*Packaging Snaplr for chocolatey*

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

## **Online Profiles**

**Blog :** *<https://simula67.wordpress.com>*

**about.me :** *<https://about.me/jojiantony>*