

Joji Antony

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Profile Full Stack Software Engineer with 4+ years of professional experience working in systems, application and front-end development. Deep knowledge about Unix internals and the Linux ecosystem. Proficient in developing systems that have very high requirements of stability, security and scale.

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

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

Frameworks
Java EE 6, Hibernate, Perl Dancer, Python Flask, Python Django, Javascript Dojo, Javascript JQuery

Tools
Postgres, MySQL, Various Unices, Jboss, Git, Subversion, Maven, GCC, GNU Make etc

Platforms
Heroku, AWS, Linux

Work Experience and Projects Employed by Hewlett-Packard R&D since August 2011

HP NMC Developer/Lead *2013 - Current*
Currently working as a core developer and security engineer for HP's Network Management Software called Network Node Manager i
Also currently working as lead developer and lab support engineer for NNMi Network Engineer's Toolset product

Accomplishments

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

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 for years
- 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>

SIC assembler

2010

Working assembler for an SIC machine
<https://github.com/simula67/sasm>

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

Github : *www.github.com/simula67*

LinkedIn : *<https://in.linkedin.com/in/antonyjoji>*

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