

Profile Software Engineer with 4+ years experience working with technologies on the JVM platform, various JavaScript frameworks, C/C++ libraries and Perl based automation. Proficient in developing systems and application software that have requirements of high stability and large scale.

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

Technologies **Programming Languages**
Java, Scala, C++, C, Perl, JavaScript, Assembly, Latex, Python

Frameworks
Java EE, Hibernate, Perl Dancer, Flask, Various Javascript frameworks and libraries.

Tools
MySQL, Postgres, UNIX tool chain, Jboss, Git, Subversion, Maven, vim, IntelliJ, Solaris MDB, Wireshark etc

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 for HP's Network Management Software called Network Node Manager i
Also currently working as lead developer and lab support engineer for NNMi NET SPI

Accomplishments

- Improving SNMP v3 USM specification compliance in our SNMP stack
- Work on enabling NNMi to handle Network Function Virtualization.
- Port the NET plugin to Linux; including build and test infrastructure.
- Add support for NNMi for Safari on Mac.
- Refreshing the NNMi UI as per the new UX guidelines.

Technologies

Java EE, SOAP, REST, 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

- Added support for filtering based on parameters like 'hostname' 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, Java, SQL, SPARC, PA-RISC, HP-UX, Linux, Solaris.

Side projects

Serenity

2015-Present

Simple Wiki software in Perl Dancer

<https://github.com/simula67/serenity>

SIC assembler

2010

Assembler for hypothetical 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/>*