

**Profile** Software Engineer with 3.5+ 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](http://www.github.com/simula67)*

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

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