**AKSHAY THAPA**

D-704, Plama Heights, Mobile: +91-9535270256  
Hennur Main Road, Email: akshay.myn7@gmail.com  
Bangalore, KA – 560043 LinkedIn: in.linkedin.com/in/akshayt23  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## OBJECTIVE

To work in an environment which will give me an opportunity to solve interesting software engineering problems and explore the workings of the industry.

## EDUCATION

*Grade* *Institute* *Session* *CGPA/Percentage*

* 10th Cambrian Hall School 2007 - 2008 91.4
* 12th  Cambrian Hall School 2009 - 2010 87.5
* B.E. Manipal Institute Of Technology 2010 - 2014 8.26

## AREAS OF INTEREST

Mobile Application Development, Data Structures, Algorithms, Problem Solving

## WORK EXPERIENCE

*Software Engineer (Juniper Networks) August 2014 – Present*

* Working in the Control Plane team on Layer 2 and Layer 3 protocols like L2 infra, IGMP Snooping, Firewall, LLDP, Dot1x and sFlow.
* Worked on automating platform-independent control plane unit test suites.

## PROJECTS

*WakeSure June 2013 – July 2013*

* Developed a picture-based alarm application. To dismiss the alarm, the user is required to click a similar picture to the one registered with the alarm.

*Network-aware Workload Orchestration (Juniper Networks) June 2013 – July 2013*

* Worked on building a network-aware orchestration daemon to run on TORs, which aimed at distributing workload evenly in a cloud-computing environment.
* Up to 30% performance increase achieved in a high congestion network.

*Material JumpStart (Open Source) April 2015 – Present*

* Provides developers a jumpstart platform to start building beautiful apps with material design.
  + https://github.com/akshayt23/MaterialJumpStart

*RGBY March 2015 – Present*

* Developed a simple Android game using the LibGdx library.

*Employee Transfer Management System (ONGC) June 2013 – July 2013*

* Developed an Employee Transfer Management System to monitor the workforce of every work centre in ONGC and facilitate transfer of employees.

## ACHIEVEMENTS

* Runner-up in Online Coding at TechTatva 2012
* Secured 2nd position in MIQ (Manipal IQ) at TechTatva 2012

## TECHNICAL SKILLS

*Programming Languages*

* Java, C, C++, C#, Python (basic), Bash Scripting (basic)

*Tools and SDKs*

* Android Studio, Eclipse, Android SDK, Visual Studio, Git and SVN

*Platforms Used*

* Mac OS X, Windows, Linux

## ACHIEVEMENTS

* Runner-up in Online Coding at TechTatva 2012
* Secured 2nd position in MIQ (Manipal IQ) at TechTatva 2012

## ADDITIONAL ACTIVITIES

* Vice-President – Music at M.A.F.I.A (the official cultural club of MIT)
* Category Head – Music for Revels 2013 (the cultural fest of MIT)
* Organizer in Revels 2012 – organized 6 different events under Music, Dance and Fine Arts category

## REFERENCES

* Dr. Harish SV - Professor, Dept. of CSE, MIT Manipal – Email: harish.sv@manipal.edu
* Ms. Priya Kamath - Assistant Professor, Dept of CSE, MIT Manipal – Email: pkamath155@gmail.com

I hereby declare that information above is correct to the best of my knowledge and belief.

**AKSHAY THAPA**