

## CURRICULUM - VITAE

### Abhinav Gangwar

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### Career Objective:

To serve in a progressive and innovative organization that gives scope to apply my knowledge and skills.

### Personal Details:

Name: Abhinav Gangwar  
Date of Birth: 10<sup>th</sup> july , 1994  
Sex: Male  
Nationality: Indian  
Marital Status: Unmarried  
Languages known: English, Hindi

### Educational Qualifications:

Degree/Class	University/ Board	Major	Year	CGPI */ Percentage
Bachelor of Technology	National Institute of Technology, Hamirpur, Himachal Pradesh	Electronics and Communication Engineering	2011-2015	7.19/10
12 <sup>th</sup>	CBSE	Physics, Chemistry, Mathematics	2011	72.4%
10 <sup>th</sup>	CBSE	Science, Mathematics	2009	80.8%

\* B.Tech marks (CGPI) up till 7<sup>th</sup> semester.

### Internship/Training:

#### 1. Internship at Google Summer of Code ( GSoC ) Summer 2014

- Designed an [educational game](#) using Marble ( a virtual globe ) under KDE .
  - Fixed lots of missing bits in Marble library to be able to implement games.
  - Added a political map to Marble .
  - Added support to download remote images specified in .kml files.
  - Based on this political map, I designed three games – 1. Identify the country shape, 2. Identify the flag and 3. Identify the location of a country on map .

( [My blog](#) explains all these changes in detail. )

2. Mentoring Google Summer of Code project to [port Marble to Android](#) using Qt for Android.

### Languages and Technical Skills:

- C++; C; SQL; KML
- Qt, KDevelop, Vim, SHP API .

### Projects:

- [Electronic Diary Manager](#) ( June 2013 ) A simple application which allows users to write/read their diary entries. The program can register multiple users with a user name and password. After successful login user is given access to diary contents.
- [Hex Board Game](#) ( November 2013 ) Implemented Hex ( Board Game ) as part of assignment for online course [C++ For C Programmers](#) .
- [Text Editor](#) Using Qml/Qt-C++ ( April 2014 ) A text editor providing basic operations like open, save, copy, paste etc. , designed with nice user interface and animations.
- [Gesture Controlled Robot](#) ( October 2013 ) As a part of ARM design challenge 2013, with a team of 3 students, designed a gesture controlled robot using accelerometer and mbed kits LPC 1768 and LPC 1114 based on ARM processors cortex M3 and M0 respectively.
- Also, I'm contributing to improve [open source projects](#).

### Additional Experience And Awards

- Got 1st place in ARM Design Challenge held in NIT Hamirpur, 2013 .
- Online Courses on coursera: • C++ for C programmers . • Algorithms: Design and Analysis, Part 1
- Active member for 'Society for Promotion of Electronics Culture' (SPEC) .
- An active member of Linux User Group NIT Hamirpur ( GLUG )

### Hobbies:

- Writing poems.
- Playing badminton and video games.
- Travelling, cooking and Nature Photography
- Listening music

### Extra-Curricular Activities:

- Executive member Of Organisation Club of college fest and involved in various social activities.

- Executive member of "prayas" a non-profitable organisation at college to teach poor children.

**Declaration**

I hereby certify that all information provided above is true to the best of my knowledge and belief.

Abhinav Gangwar

Place- Hamirpur, H.P.