Abhinav Gangwar

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Summary:

Proficient C/C++/NodeJs software developer; 1 year experience in <u>Jugnoo</u> in designing/owning projects from scratch, writing RESTful APIs; Contribute to open source softwares (C/C++/Qt) for open source org <u>KDE</u>;

Experience:

<u>Jugnoo</u> (JULY 2015 to May 2016):

Designed RESTful APIs (NodeJs/MYSQL) for:

- <u>City Panel</u> Manage drivers' data; Demand/Supply analysis for cities.
- <u>Customer Support Panel</u> Automated support; Integration of third party APIs like <u>Freshdesk</u>, <u>Mandrill</u> etc.
- ACL (Access Control List) server Multiple access levels; Authentication/Authorisation using access token.

Internship (May 2014 to July 2014) at Google Summer of Code (GSoC) (All git commits here)

- Designed an <u>educational</u> <u>game</u> using <u>Marble</u> (a virtual globe) under <u>KDE</u> . (Using C++/Qt/QML) (See <u>My blog</u> for details.)
- Enhanced marble libraries by adding new features and fixing bugs.

Mentored Google Code In (Oct 2014 - Feb 2015) Create tasks for students' and review their code.

Mentored GSoC project (May 2015 - July 2015) Port Marble to Android using Qt/C++ for Android.

Languages and Technical Skills:

- C++; C; SQL; Qt/Qml; GIT; Node JS; Express Js; REST; CMAKE; KML
- Linux; AWS; Algorithms; Data Structures;

Projects (Code is on github)

- <u>System Monitor</u> (August 2016, Using C++ REST SDK) An application to monitor resources usage of systems on a network.
- <u>Twitter Search</u> (**Nov 2016, Using NodeJs**) A Node.Js application to search tweets with a particular tags and other filter criterias.
- Hex Board Game (November 2013, Using C++) During an online course C++ For C Programmers . The game uses Monte Carlo Simulation to determine the best move.
- <u>Electronic Diary Manager</u> (June 2013, Using C++) Allows users to read/write diary entries. Users' data protected by username/password.
- <u>Text Editor</u> (Using Qml/Qt-C++ , April 2014) A text editor providing basic operations; Designed nice UI and animations.
- Gesture Controlled Robot (October 2013) As a part of ARM design challenge 2013.
- Also, I'm contributing to improve open source projects.

Educational Qualifications:

Degree/Class	University/ Board	Major	Year	Score
B.Tech	NIT Hamirpur, H.P.	ECE	2011-2015	7.13/10
12 th	CBSE	Physics, Chemistry, Maths	2011	72.4 %
10th	CBSE	Science, Maths	2009	80.8 %

Hobbies:

• Writing poems; Travelling, Nature Photography; Listening music