Abhinav Gangwar

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Summary:

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

Experience:

Jugnoo (JULY 2015 to May 2016):

Designed RESTful APIs (NodeJs/MYSQL) for:
- *City Panel* Manage drivers' data; Demand/Supply analysis for cities.
- *Customer Support Panel* Automated support; Integration of third party APIs like Freshdesk, Mandrill 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 educational game using Marble (a virtual globe) under KDE . (Using C++/Qt/QML) (See My blog 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)

- **System Monitor (August 2016, Using C++ REST SDK)** An application to monitor resources usage of systems on a   network.
- **Twitter Search (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.
- **Electronic Diary Manager (June 2013, Using C++)** Allows users to read/write diary entries. Users' data protected by username/password.
- **Text Editor (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
12th	CBSE	Physics, Chemistry, Maths	2011	72.4 %
10th	CBSE	Science, Maths	2009	80.8 %

Hobbies:

- Writing poems; Travelling, Nature Photography;   Listening music