

Abhinav Gangwar

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Summary:

Proficient NodeJs software developer; 2.5 years experience in designing projects from scratch, writing RESTful APIs in NodeJs, deploying the code; Contribute to open source softwares (C/C++/Qt) for open source org [KDE](#)

Experience:

Enuke Software Pvt. Ltd. (Oct 2016 to Present):

- Service based Architecture Designed a framework(NodeJs) for building services; service communication/discovery.
- Deployment scripts Shell scripts to compile when some new code is pushed; Bump version; Deploy code. Shell scripts to create VMs on azure; setup dependencies and services.
- Central logger A logger service using winston.

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) Created 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:

- Node JS; Express Js; TypeScript; GIT; SQL; REDIS; Senecals; Mocha; C++; C; Qt; Elasticsearch; Docker;
- Linux; AWS; REST APIs; Algorithms; Data Structures

Projects (Code is on [github](#))

- [Twitter Search](#) (Nov 2016, Using NodeJs) A Node.js application to search tweets with a particular tags and other filter criterias. See the demo [here](#) .
- [System Monitor](#) (August 2016, Using C++ REST SDK) An application to monitor resources usage of systems on a network
- [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
12 th	CBSE	Physics, Chemistry, Maths	2011	72.4 %
10th	CBSE	Science, Maths	2009	80.8 %

Hobbies:

- Writing poems, Travelling, Nature Photography, Listening music