Abhinav Gangwar

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Summary:

Proficient NodeJs software developer; 3 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* A framework(NodeJs) for building services; service communication/discovery.
- *Central Logger* A logger service, written in NodeJs, using winston.
- *Payonce* A payment gateway written in NodeJs.
- *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.

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 reviewed their code.

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

Languages and Technical Skills:

- Node JS; C/ C++; GIT; SQL; REDIS; Express Js; TypeScript; SenecaJs; Mocha; Qt/Qml
- Linux; AWS/Azure; Docker; Kubernetes; ElasticSearch; Jenkins; REST APIs; 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
- **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
- **Gesture Controlled Robot (October 2013)** As a part of ARM design challenge 2013
- **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 .
- **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
- Also, I'm contributing to improve **open source projects.**

Educational Qualifications:

  B.Tech from NIT Hamirpur, H.P. (2011 - 2015).

Hobbies:

- Writing poems, Travelling, Nature Photography, Listening music