Abhinav Gangwar

Email: findabhgangwar@gmail.com
Website: https://abhgangwar.github.io/
Tel: +91-9736996057

Summary:

Proficient NodeJs software developer; 3.5 years experience in designing projects from scratch, writing RESTful APIs in NodeJs, Working on service based architectures; Enthusiastic in automating development/deployment processes;

Experience:

OnceHub Technologies Pvt. Ltd. (Nov 2018 to Present)

- _Service based Architecture_ A framework(NodeJs) for creating microservices; service communication/discovery.
- _Deployment Scripts_ Write helm charts and shell scripts to automate deployment of microservices on kubernetes.
- _Jenkins Pipelines_ Write jenkins pipelines to completely automate CI/CD process..

Enuke Software Pvt. Ltd. (Oct 2016 to Nov 2018)

- _Notification system_ A central notification system used by all microservices to send out emails.
- _Central Logger_ A logger service, written in NodeJs, using winston.
- _Automation 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.

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

- Designed an educational game using Marble (a virtual globe) under KDE (Using C++/Qt/QML) (See My blog for details)

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; Express Js; TypeScript; C/ C++; GIT; SQL; REDIS; SenecaJs; Mocha; Qt/Qml
- Linux; MS Azure; Docker; Kubernetes; ElasticSearch; Jenkins; 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:

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

Hobbies:

- Writing poems, Travelling, Nature Photography, Listening music