

# Himanshu Rastogi

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## Work Experience

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### HFTSolution

April 2019

C/C++ DEVELOPER

Present – Mar 2019

- Developed Low Latency Application Server in C++.
- Developed GUI with the help of Qt Framework for Server to control and monitor orders in realtime.
- Optimize Application make it send orders with in <8 microsecond latency.
- Cleared Borsa Stock Exchange Certification for Application Approval.

### Pthinks

Bengaluru

QT/C++ TRAINEE

Dec 2018 – Mar 2019

- Implemented libcurl support to company's existing application on Windows.
- Added existing application dynamic setting feature which works on XML. XML reflect Settings UI and vice-versa.
- Wrote and maintained Qt/C++ based custom translation application which bypasses validator of Qt translation file. With auto-export to RCC resource file support and auto translation from Yendex api support.

## Technical Skills

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**Operating System:** GNU/Linux, Unix, Windows, MacOS  
**Programming Languages:** C/C++ (Qt, Boost, Asio, OUCH, FIX), Python (PyQt, selenium, Flask), Shell Script  
**Server Software:** Nginx  
**Web Technologies:** Wordpress  
**Build System:** GNU Make, QMake, CMake  
**Database:** SQLite, MySQL, MsSQL, MongoDB  
**Other Tools:** SSH, Qt Creator, Visual Studio, Git, Emacs, Vim

## Projects

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### qPadNote

C++, Qt, SQLite

IT IS A TODO LIST, TASK TRACKING AND NOTE MAKING APPLICATION WITH AUTO-SAVING AND MULTIPLE TAB MANAGING FEATURES.

<https://github.com/xhimanshuz/qPadNote>

### CurlUD

C/C++, Qt, libCurl

CURLUD IS A C++ BASED APPLICATION WITH QT LIBRARY FOR GUI WHICH HELPS YOU TO UPLOAD AND DOWNLOAD FILES TO/FROM SERVER WITH THE HELP OF CURL LIBRARY.

<https://github.com/xhimanshuz/curlud>

### GEMP

Python, Gtk+, Nginx

A WEB SERVER SERVICES CONFIGURATION APPLICATION DEVELOPED IN PYTHON3 WITH GTK+. IT CONTROLS AND CONFIGURE ALL STACK SERVICES FOR YOU.

<https://github.com/xhimanshuz/GEMP>

### FlashyPi

Python, Gtk+, JSON

A TOOL TO FLASH RASPBERRY PI OSs ON SD CARDS AND FLASHDRIVES. IT CAN EITHER FLASH THE CHOSEN OS OR ONLY FORMAT THE DRIVE FOR INSTALLING BOOTLOADERS LIKE BERRYBOOT, NOOBS, PINNS. AND ALSO SET THE PARTITION SIZE ACCORDING TO YOUR REQUIREMENT.

<https://github.com/xhimanshuz/FlashyPi>

### ngxManager - Multiple host manager

Python

IT IS PYTHON BASED SCRIPT TO HOST NGINX MULTIPLE WEBSITE ON A SINGLE SYSTEM.

<https://github.com/xhimanshuz/ngxManager>

### SFML - Distance-between-2-objects

C++, SFML Library

SIMPLE PROGRAM WHICH SHOWS DISTANCE BETWEEN TWO OBJECTS, IF THEY ARE COLLIDING THEN OBJECT 2 COLOR CHANGE RANDOMLY. IT IS WRITTEN IN C++ WITH SFML LIBRARY.

<https://github.com/xhimanshuz/SFML-Distance-between-2-objects>

## Education

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**Chaudhary Charan Singh**

BACHELOR OF COMPUTER APPLICATION IN COMPUTER SCIENCE

*Noida*

2015 – 2018