

## Address

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# Arshpreet Singh

## Senior Software Engineer

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## Experience

- 01/19 - Now **Senior Software Engineer** [Maropost India, Chandigarh](#)  
Microservices Development and Deployment using Technology Stack: Go-  
lang, Protocol Buffers, Kafka, Docker, Kubernetes and Rancher.
- 08/17 - 04/18 **Senior Software Engineer** [Netsmartz Chandigarh](#)  
Development and Deployment of MicroServices using Technology Stack:  
Python, Flask, Docker, Automation Testing, Testing Framework Development.
- 05/16 - 08/17 **Full-Stack Python Developer** [RevInfotech Ludhiana](#)  
Design and development of Software Projects using Amazon, Google Clouds,  
Flask, Django.
- 01/14 - 02/15 **Web Developer** [FutureTech IT centre Ludhiana](#)  
Developed various projects using technologies HTML, CSS, JavaScript,  
Python, C and shell Script.
- 01/13 - 06/13 **Intern-ship** [SysInfocom, Chandigarh](#)  
Training for Linux Desktop and Server Administration, management and mi-  
gration of servers.
- 06/11 - 07/11 **Intern-ship** [TCC GNDEC Ludhiana](#)  
Worked on college souvenir(Django Based Project).SageMath Deployment  
on Server and introduced SageMath.

## Programming



## Certifications

- 07/2019 **Go Programming Specialization** [Coursera](#)
- 05/2019 **Ultimate Go Programming** [O'Reilly School of Technology](#)
- 11/2018 **Julia Scientific Programming** [Coursera](#)
- 09/2018 **Deep Learning Specialization** [Coursera](#)
- 06/2018 **Julia Programming for Scientific Computing** [Coursera](#)
- 06/2018 **BlockChain Basics and Beyond** [Lynda.com](#)
- 12/2016 **Python for DataScience and Machine Learning** [Udemy. E-learning](#)

## OS Preference

GNU/Linux ★★★★★  
Unix ★★★★★  
MacOS ★★★★★  
Windows ★★★★★

## Personal Skills



## Education

## Languages

English ★★★★★  
Hindi ★★★★★  
Punjabi ★★★★★

2009 - 2013 **Bachelor's Degree in Information Technology** [GNDCE Ludhiana, Punjab, India](#)

2007 - 2009 **Senior Secondary School** [DC Model, Ferozepur](#)

## Projects

- 02/2019 **Transactional Email System** [Netsmartz Inc.](#)  
*Lead Developer for Transactional Email System built Using Go-lang, Kafka, Docker and Kubernetes*
- 10/2019 **Deployment Automations** [Maropost](#)  
*Automation and Optimization of Deployment using Container-Based technologies for Rails Based Project.*
- 10/2017 **SDN based MicroServices** [Netsmartz](#)  
*Developed back-end and front-end components of the SDN based technologies for <https://www.telstra.com.au/>*
- 03/2017 **Stock prediction using Random Forest** [Trading-Algorithm](#)  
*[www.quantopian.com](http://www.quantopian.com) is used as platform to deploy, benchmark and evaluate performance of the Algorithm for stocks.*
- 01/2017 **Stock's Analysis using Ensemble Learning** [Research work](#)  
*Problem Definition: To Predict if close price of day N will be less or more than Close Price of Day N-1.*
- 08/2016 **Bitcoin Live Trading using ANN** [Revinfotech Ludhiana](#)  
*Bitcoin Live Trading is Web-Based System developed Using Django Framework.*
- 12/2015 **Gmail Analyser** [FutureTech](#)  
*Gmail Analyser is Flask Based Solution which provides data of All Emails as per the request.*
- 03/2016 **ParaView Advanced Volume Filter** [FutureTech](#)  
*ParaView is an open-source, multi-platform data analysis and visualization application.*

## Open-Source Contributions

- 03/2016 **Tuxblocks** [Github](#)  
*Tuxblocks Game is developed using Java Based PlayN Game Engine.*
- 03/2016 **Open Street Mapping** [osm.org](#)
- 03/2016 **Browser-Based File-Manager** [Github](#)  
*Flask based File Manager.*
- 03/2016 **Text-to-mp3 Android implementation** [Github](#)  
*Contributed to Open-source project Plyer by creating Python wrapper around Java Classes.*

February 11th, 2020

Arshpreet Singh Khangura