ArshpreetSingh

Senior Software Engineer

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Programming

OS Preference

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

Personal Skills

Experience

01/19 - Now   **Senior Software Engineer**   Maropost India, Chandigarh
Microservices Development and Deployment using Next Generation Technol-
ogy Stack, Golang, Protocol Buffers, Kafka, Docker, Kuberbetes and Rancher

08/17 - 01/19   **Machine Learning Engineer**   Exponential Machines
Development of Continuous Intelligence Platform using Python, Flask Web
Framework and Machine Learning Libraries like Numpy, Pandas and Scikit
learn, Optimzation of Deployment Piplelines using Docker and Rancher.

08/17 - 04/18   **Senior Software Engineer**   Netsmartz Chandigarh
Blockchain POC Creation and Implementation using IBM HyperLedger, De-
velopment and Deployment of MicroServices, Automation Testing, Testing
Framework Development.

05/16 - 10/16   **Full-Stack Python Developer**   Revinfotech Ludhiana
Design and development of Software Projects using Amazon and Google
Clouds, LTSP implementation.Automation of various internal Tasks using
Python and Project Management.

01/14 - 02/15   **Linux Trainer and Web Developer**   FutureTech IT centre Ludhiana
Teaching Linux Desktop and Server Administration skills to students. Devel-
oped various projects using technologies HTML, CSS, JavaScript, Python,
C and shell Script. Computer technical support. Problem solving related
to hardware, software and Operating Systems. Management of the internal
Structure.

01/13 - 06/13   **Intern-ship**   SysInfocom, Chandigarh
Training for Linux Desktop and Server Administration, management and mi-
gration of servers. Development of "Python Battery Saver pack"(Python
Based). Learning and using Latex for creating reports and documents.

06/11 - 07/11   **Intern-ship**   TCC GNDEC Ludhiana
Training for Python. Worked on college souvenir(Django Based Project).
SageMath Deployment on Server and introduced SageMath and it's features
to Research Students. Open Source Technologies.

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

Education

2009 - 2013	**Bachelor's Degree in Information Technology**	GNDCE Ludhiana,Punjab,India
2007 - 2009	**Senoir Secondary School**	DC Model, Ferozepur

Projects

03/2017   **Stock prediction using Random Forest**   Trading-Algorithm
www.quantopian.com is used as platform to deploy,benchmark and evaluate performace of the Algorithm for single stock.

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**   Elance/Upwork
Gmail Analyser is Flask Based Solution which provides data of All Emails as per the request.

03/2016   **ParaView Advanced Volume Filter**   Elance/Upwork
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.	

July 19th, 2019

Arshpreet Singh Khangura