Vishnu Srivastava

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EDUCATION

UNIVERSITY OF WATERLOO
MMath Thesis in Computer Science
Major: Software Engineering
Guide: Prof. Paulo Alencar
Waterloo, ON | CGPA : 87%
Sep'14 - May'17

DELHI TECHNOLOGICAL UNIVERSITY
B.Tech Engineering Physics
Major: Robotics & Info Systems
New Delhi, India
May'09 - Sep'14

LINKS

Website:// **www.the-software.dev**
Github:// **github.com/zxingz**
LinkedIn:// **linkedin.com/in/zxingz**

SKILLS

PROGRAMMING
Over 10000 lines:
Python • Java • C++/C • JavaScript • Bash

PYTHON
Apache Airflow • Pandas • PySpark • Django • PyTorch • Spacy • SQLAlchemy • scikit-learn

JAVASCRIPT
Bootstrap4 • jQuery • ReactDOM

DATA VISUALIZATION
Tableau • Grafana • D3.js • Plotly • Kibana

DB/CACHE/QL
Postgresql • Redis • Hive • MySQL • Oracle • Hbase

DEV/CI/CD
Jenkins • Docker • Git • SVN

MONITORING
ElasticSearch • Filebeat • CAdvisor • NodeExporter

ENVIRONMENTS
RHEL • Windows • Hadoop HDFS • Apache Mesos-DC/OS

EXPERIENCE (4 YEARS 4 MONTHS)

SCOTIABANK
Data Scientist | International Banking Analytics
August 2019 – Present | Toronto, ON
- Working on customer segmentation into premium groups based on wealth and risk adjusted revenue.
- Developed pricing simulation dashboard for Caribbean operations to simulate changes in fee structures.
- Manage analytics pipeline to Scotiabank's Latin America and Caribbean businesses.

#Microservices #DC/OS #Spark #APIs #Data Visualization

Data Scientist | decision sciences
July 2018 – August 2019 | Toronto, ON
- Used Grafana and Postgres to create dashboards for Electronic Money Transfer transactions.
- Analyze Electronic Money Transfers using PySpark to gather transaction information(Email ID, Acc No., IP) from log files on HDFS.
- Developed Reading Comprehension System using Google Research's BERT model for SEDAR News documents.

Programmer Analyst | Centralized Risk Platform
July 2017 – July 2018 | Toronto, ON
- Deployed Apache Airflow for RMIT Risk Warehouse on Production environment with 80+ DAGs.
- Deployed Elasticsearch and Filebeat for log analysis.
- Deployed monitoring stack (Prometheus, Grafana, CAdvisor, NodeExporter).

Intern | Equity Trading & Electronic Execution Services
May 2016 – August 2016 | Toronto, ON
- Instant Chat using Socket.IO, Email reporting/tracking server, Trading performance report.

ERNST & YOUNG L.L.P | Associate Consultant | IT Advisory
June 2013 – July 2014 | New Delhi, India
- Develop & Design UI and Logic using SAP Advanced Business Application Programming. Customize and Develop Data Report and Form Generation.

SAMSUNG R&D LAB | Intern | Data Analytics Group
May 2013 – June 2013 | New Delhi, India
- Extraction of movie trailer links from MovieLens data sets. UI for Samsung Smart TV gesture recognition Application.

PROJECTS

• The-Software.Dev • Airflow • Monitoring • Machine Comprehension- Google BERT • High Frequency Trading