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 - May'13

LINKS

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

SKILLS

PROGRAMMING
Python • Java • C++/C • JavaScript • Bash

PYTHON
Apache Airflow • Pandas • PySpark • Django • PyTorch • Spacy • SQLAlchemy • Scikit-Learn • Flask

JAVASCRIPT
Bootstrap4 • jQuery • ReactDOM

DATA VISUALIZATION
Power BI • Tableau • Grafana • D3.js • Plotly • Kibana • Dash • Metabase

DB/CACHE/QL
Postgresql • Redis • Hive • MySQL • Oracle • Hbase • Trino(Presto)

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

MONITORING
ElasticSearch • Filebeat • CAdvisor

ENVIRONMENTS
Linux • Windows • Hadoop • Apache Mesos-DC/OS

CLOUD
GCP-BigQuery • S3(Minio) • DataProc(Spark)

EXPERIENCE: 9+ YEARS

ADOBE
SR. DATA SCIENCE ANALYST(BUSINESS INTELLIGENCE ENGINEER) | ADTECH
September 2021 – Present | Noida, India
- Managing a team of 3 Analysts.
- Working on generating impressions and conversions reports using identity graph and predictive analytics from LiveRamp and pixel conversion logs and ingesting in Power BI.
- Running jobs on AWS Data Pipeline and AWS EMR for realtime data Visualization and Ad Campaign Optimization.

SCOTIABANK (CANADA)
DATA SCIENTIST-MANAGER | INTERNATIONAL BANKING ANALYTICS
August 2019 – September 2021 | Toronto, ON
- Developed pricing simulation dashboard for Caribbean operations to simulate changes in fee structures.
- Worked on customer churn model and mortgage rate estimation for CCAU region.
- Manage analytics pipeline to Scotiabank's Latin America and Caribbean businesses.

#Microservices #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, Elasticsearch, Filebeat and monitoring stack (Prometheus, Grafana, CAdvisor, NodeExporter).

UNIVERSITY OF WATERLOO | RESEARCH ASSISTANT
September 2014 – May 2017 | Waterloo, ON
- Research on "Multi-Agent Modeling of Risk-Aware and Privacy-Preserving Recommender Systems".

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