Md Sirajus Salayhin

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EDUCATION

IICT, BUET
POST GRADUATE DIPLOMA IN ICT
Expected June 2019 | Dhaka, Bangladesh

JAGANNATH UNIVERSITY
B.SC IN PHYSICS
2008 | Dhaka, Bangladesh

PROFILES

Github:// **salayhin**
LinkedIn:// **salayhin**
StackOverflow:// **salayhin**
Twitter:// **@salayhin**

SKILLS

PROGRAMMING
- Python
- Go Lang
- R
- Ruby
- Shell Script

DATABASE
- Google Big Query
- SQL Server 2016
- MySQL
- PostgraSQL

BIG DATA TOOLS
- Hadoop
- Spark

DATA ANALYSIS TOOLS
- Python (Jupyter Notebook, Numpy, Pandas, Matplotlib)
- R (dplyr, ggplot, RShiny)

MACHINE LEARNING TOOLS
- Spark ML
- Scikit-learn
- Tensorflow
- caret

DEVOPS TOOLS
- AWS • Google Cloud • Cent OS • Ubuntu • Docker

WEB
- Ruby on Rails • Django • Flask

EXPERIENCE

PATHAO LTD. | Senior Data Engineer
June 2018 – Now | Dhaka, Bangladesh
- Working to implement Data Governance Policy across the organization
- Building Data Lake in Google Cloud Storage where data are coming from various production DB's and 3rd Party API's
- Building Data Warehouse with Google Big Query
- Integrate Apache Airflow for data pipeline work flow scheduling and monitoring.
- Implement Machine Learning Algorithms
- Tools: Python, PySpark, Google Cloud Storage, Google Big Query, Google Data Proc

RELISOURCE TECHNOLOGIES LTD. | Senior Database Engineer
March 2018 – May 2018 | Dhaka, Bangladesh

- Worked as A Database Administrator to monitor large databases in SQL Server
- Manage log shipping, Database backup
- Tools: SQL Server

AUGMEDIX INC. | SENIOR DATA ENGINEER
June 2015 – March 2018 | Dhaka, Bangladesh
- Designed, modeled and implemented Data Warehouse and Data Mart (SQL Server 2016)
- Developed ETL for import data from various sources like 3rd Party API's, Google Spreadsheet, MySQL (R, Python and Pentaho)
- Integrate Apache Airflow for data pipeline workflow scheduling and monitoring.
- Manage and Deploy ETL application developed with Python, R and Pentaho in AWS servers.
- Develop AWS EC2 and RDS monitoring tool using RShiny.
- Develop automated testing script for ETL using R and RShiny.
- Created REST API for expose data (Python, Django REST API).
- Tools: R, Python, Pandas, dplyr, NumPy, Matplotlib, Jupyter Notebook, Django, RShiny

NASCENIA LTD. | RUBY ON RAILS DEVELOPER
June 2013 – June 2015 | Dhaka, Bangladesh
- Developed Web Application using Ruby on Rails. For example: On-line Marketplace, Social media data analysis tool, School Management System Software
- Manage and deploy RoR applications in AWS EC2.
- Tools: Ruby on Rails, PostgreSQL, MySQL, Apache Solr

CERTIFICATES

• Coursera: Introduction to Data Science in Python
• Datacamp: Python Data Science Toolbox (Part 1)
• Datacamp: Python Data Science Toolbox (Part 2)
• Datacamp: Exploratory Data Analysis Using R

EXPERIENCE

RIGHT BRAIN SOLUTION LTD. | SOFTWARE ENGINEER
November 2011 – May 2013 | Dhaka, Bangladesh
- Developed Web application API foriphone and android apps.
- Tools: Zend Framework, Symfony 2, MySQL, MongoDB

NANOSOFT | PROGRAMMER
May 2011 – October 2011 | Dhaka, Bangladesh
- Created web based application for schedule management system for
- Tools: Codeigniter, MySQL

SITEBLOOM LTD. | SOFTWARE DEVELOPER
October 2009 – June 2011 | Dhaka, Bangladesh
- Created web based school management system software (Codeigniter, MySQL)
- Tools: Codeigniter, MySQL