Md Sirajus Salayhin

https://www.linkedin.com/in/salayhin/
salayhin.dlab@gmail.com | +8801833362458

EDUCATION

IICT, BUET
POST GRADUATE DIPLOMA IN ICT
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
- AWS Redshift
- MySQL , PostgraSQL

BIG DATA TOOLS
- Hadoop
- Spark
- Athena
- Glue

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

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

WEB
- Ruby on Rails • Django • Flask

EXPERIENCE

PATHAO LTD. | Senior Data Engineer Level ll
June 2018 – Now | Dhaka, Bangladesh
- Implement Data Governance Policy across the organization
- Develop Data Lake in Google Cloud Storage where data are coming from various production DB's and 3rd Party API's
- Prepare data model for data warehousing, maintain, design and develop database for data warehousing in Google Big Query
- Develop Real Time Data Analysis Pipeline with Google Pub Sub
- Integrate Apache Airflow for data pipeline work flow scheduling and monitoring
- Analyze requirement for dashboards and reporting system
- Developed data integrity checking tool to ensure data integrity among source and destination
- Tools: Python, PySpark, Google Cloud Storage, Google Big Query, Google Pub Sub, Google Data Proc

SECURITY PIPELINE | Big Data Consultant
Sep 2019 – Now | Mohakhali DOHS, Dhaka

- Design and Develop Data Lake in AWS S3 where data are coming from various 3rd party API's.
- Prepare data models for data warehousing, maintain, design and develop database for data warehousing in AWS Redshift Spectrum
- Ingest high volume network data into S3, clean those data and prepare for analytic
- Developed REST API to feed data to other applications.
- Tools: Python, Pyspark, AWS, AWS Redshift Spectrum, Athena, Hive

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.
- 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. Software deployed into AWS environment
- 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