

Parth Sarangi

Data Engineer / Data Analyst

parth.sarangi@gmail.com, +66-984547463

Objective

I am seeking opportunities as a Business Intelligence and Analyst.

Summary

I am quite comfortable with analyzing data and understanding the Banking and Financial domain. Quite proficient working with teams from different locations. I have a experience of working with databases of BigData from Google BigQuery, and RDBMS like Postgres, Mysql, MS SQL server. I have knowledge of data preprocessing and data preparation.

Also I am quite comfortable working with Tableau, PowerBi, Excel Macros and R programming. I have a good team bonding skill along with strong inter personal skills, verbal and written communication skills.

Education

Master degree

MEngg Information Management

College

Asian Institute of Technology Thailand

GPA

3.5 / 4

Years

Jan 2016 – May 2018

Bachelor degree

Btech Electronics & Communication

College

National Institute of Technology Srinagar India

GPA

7.29 / 10

Years

August 2004 – June 2008

Skills

Programming Languages SQL R, R Shiny, Python, JavaScript, Excel macros VBA

Cloud

Google Cloud Platform

Softwares

Microsoft Excel, Pentaho Data Integration, R Studio

Data analytics

Tableau, QlikView, Rapid Miner, Knime, Weka

Web Servers

Apache, Nginx, NodeJs

Databases

Google Bigquery, PostgreSQL, MySQL, MS SQL Server, MS Access, Oracle, MongoDB

Thesis & Projects

Master's Thesis

“Intelligent churn prediction and retention system – A case of telecommunications company”

The purpose of this thesis is to develop dashboard for CRM personnel to view KPI of customer call detail records, Dashboard development with visualizations of plots, maps and Olap for data analysis. A prediction functionality to predict status of customers. Decision tree prediction algorithm developed in R and web site developed in Shiny.

Bachelor's Project

“Design of MCP for Sinumerik 840D CNC”

The purpose of this project is to design a software implementation of the MCP (machine control panel) of the Sinumerik 840D CNC machine. The software MCP was designed in VB 6. It was a fail safe option in case the physical hardware malfunctioned. The software mcp communicated with the device over serial port with real time updates.

Details

Company

Ascend Corporation - Bangkok

Project

Data Platform

Duration

July 2018 – Present 2019

Responsibilities

I am responsible to help build the Data Lake on BigQuery. I am in charge of ingesting data from Transaction, financial, agent and cash database. I help create the data pipelines for loading data daily. I also design the Data lake to hold the data appropriately with security access. In addition, I have also created views by joining tables to generate information from the tables.

I transform the data to present on Goolge data studio by data visualization charts and graphics. Data is used to present the amount of sales by agents, amount of active users of True Money application, The volume of cash that is received into the system, etc.

Technology that I am currently using : Big Data from BigQuery, Database of MySql, MS SQL Server, Postgres, Language : Python, Excel Macros, R programming Visualizations : Google Data Studio, Shiny

Company

Tata Consultancy Services Pvt Ltd - India

Project

Royal Bank of Scotland – Rainbow

Duration

May 2013 – December 2015

Responsibilities

Data analysis and data mining. Fulfilling testng requirements with data from the data stores by building SQL queries. Functional to technical translation of queries. Analysis of data warehouse. Extract transform and loading of datasets. Design of datamart at testing side to capture appropriate data.

Project	Nationwide Building Society - ICL
Duration	June 2011 – April 2013
Responsibilities	Enhancement of Cobol program as per approved functional requirement. Handling of specific user requirements for incorporating the changes as required. Changes were made LIVE using a change management tool. Providing the support of the system using the Computacenter's Service Desk. Managing the Team load by co-operating with on-site counterparts. Recruitment and evaluation of new resources. Training and work alignment of the team.

Project	Tata Steel UK / Corus UK
Duration	May 2010 – October 2010
Responsibilities	Code development, maintenance, refactoring, and version control. Development and support of Manufacturing process batch.

Project	Hallmark Cards
Duration	Feb 2009 – April 2010
Responsibilities	Development of COBOL, JCL and SQL code for SAP Migration. Unit testing, and documentation of results.

English Scores	IELTS	7.0
	TOEIC	980

Personal Details	Email	parth.sarangi@gmail.com
	LinkedIn	https://www.linkedin.com/in/parthsarangi/
	Website	http://parthsarangi.github.io/
	Phone No	+66 – 98 - 4547463
	Current Location	AIT Pathumthani Thailand
	Nationality	Indian