

# JASIM AFNAN PREDHANEKAR

## SYSTEMS ENGINEER

Systems engineer motivated to enrich Python expertise alongside Data Engineering, Analytics and Cloud skills to attain new heights in personal development and organization growth.

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## EXPERIENCE

### 05/2022 - Present   **SYSTEMS ENGINEER - INFOSYS**

#### Client: Kimberly Clark

- Working as a Data Migration Developer for migrating data (**ETL**) from DRCS to Windchill PLM
- Extraction of data through database and file using SQL and Bash Scripts.
- Developed **SQL server** and **Pentaho** based scripts for transforming the extracted data.
- Staging the transformed data and validating necessary columns for normalizing and normalizing staged data.
- Generating Qualitative and quantitative reports and walkthroughs of reports with customers for data quality checks and testing.
- Created documentation and SOPs for data transformation procedures.

#### Client: Johnson Controls

- Worked as Data transformation Developer for Transforming BOM (Bill of Materials) data.
- Developed **Python** scripts for transforming and automating the data manipulation activities reducing the time by 80%.

### 10/2021 - 05/2022   **Project Fellow - Bharathidasan University**

- Developed machine learning models in Python using Keras and TensorFlow to forecast Coupled Map Lattice (multivariate time series).
- Deployed containerized environments using Docker on NVIDIA A100 GPU workstations to accelerate execution of ML models and various Simulations.

## EDUCATION

### 2019 -2021

#### **M.Sc. Physics - Bharathidasan University**

- Student Coordinator of Ek Bharat Shrestha Bharat (EBSB) Club, Bharathidasan University.
- Technical Incharge for Apeiron 2021 - A state level inter institutional fest organized by the Department of Physics, Bharathidasan University.
- Summer Intern at Indian Institute of Technology(IIT-Goa)

### 2016 -2019

#### **B.Sc. Physics - University of Madras**

## SKILLS

- |   |  |
|---|--|
| • <b>Frontend Development:</b> React, HTML, Javascript, HTML, CSS | • Azure Databricks   |
| • JAVA basics   | • SQL  |
| • Python  | • Pentaho  |
| • AWS   | • PySpark  |
| • Docker  | • Windchill Migration  |
| • <b>Languages:</b> English, Tamil, Urdu, Hindi                   | • <b>Misc:</b> Photoshop, Indesign, Davinci Resolve, Android Debugging, Arduino. |

## CERTIFICATIONS

- Infosys Certified Python Associate.
- Infosys Certified React Associate.
- Infosys Certified Frontend Web Developer.

## COURSES

- Data Warehouse Fundamentals for Beginners - Udemy
- Azure Databricks & Spark For Data Engineers (PySpark / SQL) - Udemy
- Taming Big Data with Apache Spark and Python - Hands On! - Udemy
- Google Data Analytics - Coursera.
- Deep Learning Specialization - Coursera.
- Python for Data Science, AI & Development - Coursera.
- Data Analysis with Python - Coursera.
- Machine Learning- Coursera (Stanford University).