

# Arijeet Dasgupta

Programmer Analyst

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📍 Opposite Merujeen HSG,  
Ramchandrapur (N), Kamalgazi,  
Kolkata, 700103, India

## Education

- **Bachelor of Technology (9.02)**  
Future Institute of Engineering and Management  
Aug 2018 - Jun 2022
- **Senior School Certificate Examination (AISCE) (76.4)**  
Kendriya Vidyalaya Ballygunge  
Apr 2016 - Mar 2018
- **All India Secondary School Examination (AISSE) (9.6)**  
Kendriya Vidyalaya Ballygunge  
Apr 2006 - Mar 2016

## Skills

MySQL

Python

Apache Spark

Amazon Web Services

Data Analysis

Java

C++

C#

## Summary

An accomplished and self-motivated IT professional, with a passion for continual learning and technical development. Possesses a B-Tech in IT from Future Institute of Engineering and Management, and a range of impressive certifications, including AWS Solutions Architect Associate, Python, Data Structures, and SQL. Demonstrates an ability to learn and adapt to new technologies quickly, and is capable of using this knowledge to develop innovative solutions to complex problems. Possesses strong analytical skills, and is capable of interpreting large volumes of data to identify patterns and trends. Has a keen eye for detail, and is able to identify and rectify errors in data effectively. Possesses excellent communication skills, and is able to collaborate effectively with colleagues and clients to deliver high-quality solutions on time and within budget.

## Work Experience

### Programmer Analyst, Cognizant, Kolkata

September 2022 - Present

- Possesses extensive training in Pyspark, SparkSQL, data pipelines, Insurance as an Industry for IT, and AWS Architect.
- Has a strong foundation in Pyspark and knowledgeable in SparkSQL, which is a Spark module for structured data processing, enabling SQL queries to be run on Spark data.
- Has training in data pipelines, which are a series of automated steps that enable data to flow from one system to another, efficiently and reliably.
- Possesses a good understanding of the insurance industry and its technological needs, and is equipped to develop IT solutions that cater to these requirements.
- Has been trained in AWS Architect, which is a cloud computing certification offered by Amazon Web Services (AWS).

## Courses

**AWS Solutions Architect Associate (SAA-C02), Amazon Web Services (802/1000)**

**NPTEL Joy of computing using Python, NPTEL (84%)**

January 2019 - April 2019

**NPTEL Enhancing Soft skills and personality, NPTEL (91%)**

February 2019 - April 2019

## Languages

Hindi



Bengali



English



## Links

[LinkedIN](#)

## Projects

### Hand Gesture Recognition Model using TensorFlow

Hand gesture recognition model on the top of prebuilt SSD Mobile model which recognises 7 gestures due to limited number of data provided. With more training we can add more gestures into it. Accuracy touched 90% and above in most of the cases.

### FIFA Data Collection Automation API and Analytics Tool

A visualisation tool for FIFA 20. Player details were extracted using Selenium cleaned/transformed into clean data using pandas. Extensive data analysis using matplotlib. Frontend using Tkinter GUI which makes it an endtoend application

### Blind Cap

A model made using Arduino and Sensors which helps the blind people to see if there are any obstacles in front of them or not. This device beeps whenever there is an object in front of the person wearing the cap.

## Hobbies

- Playing Football, Cricket, any sorts of outdoor sports
- Coding
- Cooking