

# ASISH TARAL

## Education

**BACHELOR OF TECHNOLOGY** – College of Engineering and Management, Kolaghat  
Majors: Electronics and Communication Engineering

June 2023

## Skills

### Python

Libraries: Numpy, Pandas, Matplotlib,

### Machine Learning & AI

TensorFlow, Keras, Scikit-Learn,  
Decision Tree, OpenCV

### MySQL

Data Types, Queries, Sub-queries, Joins,  
CTE, Window Functions, Aggregate  
Functions

### Others

Power BI, Excel, MS Office

### Tools

Jupyter Notebook, VS Code,  
Pycharm, Github

## Projects

### DISEASE PREDICTION THROUGH SYMPTOMS – Personal Project

May 2023

- It takes the symptoms of user as input and characterizes the illness by utilizing ML algorithm.
- To track down the most affecting dangerous factor causing these illness.
- It is a source to create a health care related system which provides one stop solution to predict particular disease.
- Created the AI-powered chatbot, Predo, which delivers immediate support to users; the implementation has resulted in a consistent drop in ticket volume by 30%, allowing the team to focus on high-priority cases.

### CUSTOMER SEGMENTATION ANALYSIS

December 2023

- Conducted gender and age-specific shopping analysis, driving targeted strategies.
- Uncovered payment method dynamics, offering insights for process optimization.
- Translated complex data into compelling visualizations using PowerBI.
- Informed strategic decisions with actionable recommendations, optimizing sales and marketing approaches.

## Work Experience

### National Institute of Technology Mizoram (Project Associate-I)

March 2024 – October 2024

- Developed an IoT device using Arduino and sensors to collect diverse data from a farming field.
- Created a dynamic server to collect data into a database and display it on a website, accessible globally.
- Created an ensemble machine learning model with 87% accuracy to analyze data and provide actionable feedback, contributing to crop growth.
- Implemented a secure login and payment system to ensure data protection and transaction security.

### DATA ANALYST INTERN – Rubixe

September 2023 - February 2024

- Actively contributed to data-driven decision-making processes by providing valuable insights through thorough analysis.
- Showcased proficiency in data visualization tools such as PowerBI, enhancing the accessibility and usability of complex data.
- Demonstrated adaptability and a quick learning curve by working on diverse projects in a dynamic internship environment.
- Leveraged advanced SQL skills to develop and execute complex queries for data extraction and analysis, demonstrating a deep understanding of database management.

## CERTIFICATES

- Data Analysis - Datamites
- Machine Learning - Prepinsta