



BISWAJIT PAUL

DATA
ANALYST
&
MACHINE
LEARNING
SPECIALIST

LINKEDIN

GITHUB

LANGUAGES

- English - Fluent
- Finnish - Intermediate
- Bangla - Native
- Hindi - Intermediate

PROFILE

Biswajit is a multitalented IT professional with practical project work in Mobile Development, IoT, and Data Analysis and his most recent pursuits include Machine Learning. He is eager to utilize his diverse abilities in his future team while continuing to grow and improve in other areas.

RECENT PROJECTS

Ordering Feature in Ecommerce Mobile App

Android Studio, Java

This is a group project at Metropolia UAS. In this project, an ecommerce mobile application was successfully built on Android Studio. In addition to that, an ordering feature for the mobile app was also developed. This allowed for a better user experience and allowed customers to conveniently and sufficiently order products from the web-store.

IoT Project in Home Monitoring using Camera Sensors

Python, Raspberry Pi

The aim of this group project was to develop an IoT product - home monitor, from scratch. First, camera sensors were placed into Raspberry Pi. Then, Python code was written and put into Raspberry Pi. This allowed the camera to accurately detect movements, capture and forward photos to the homeowners/users through email.

Iowa State's Net Liquor Sales Analysis

Dask, Matplotlib, Pandas, Plotly

This project was successfully implemented with team effort. In this project, net sales of alcoholic beverage in Iowa state was analyzed using the data set provided by Kaggle. Furthermore, in dealing with such a large dataset, Dask was applied to handle the big data and simultaneously achieve faster code with lower memory use.

SKILLS

Programming Languages: C, Java, Python.

Data Analysis: NumPy, Pandas.

Data Visualization: Matplotlib, Plotly, Seaborn.

Database Management: SQL.

Machine Learning: Deep Learning, Neural Network.

Cloud Services: Google Cloud Platform, Microsoft Azure.

Other: IoT, Mobile Application Development, Networking.

EXPERIENCE

Data Analyst & Machine Learning Specialist

Integrify | Helsinki, Finland | October 2020 - Present

- Demonstrated advanced proficiency in programming with Python and Object-Oriented Programming.
- Performed Data Analysis and Data Visualization on diverse and complex datasets.
- Worked with APIs and performed Web Scraping to create new datasets.
- Managed databases with SQL and PostgreSQL.
- Developed Machine Learning applications with supervised, semi-supervised, and unsupervised algorithms, and dived into Deep Learning and Computer Vision.
- Handled Continuous Integration and Continuous Deployment (CI/CD) of Machine Learning Models with GitHub Actions and Docker.
- Built web-based applications with Python and Streamlit to host Machine Learning models.

EDUCATION

B.Eng. in Information Technology

Metropolia UAS | Espoo, Finland | September 2018 - Present

A Graduate Master's Degree Program for Research Chemists

University of Eastern Finland | Joensuu, Finland | September 2010 - June 2014