

Pranesh Mukhopadhyay

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Skills

Programming Languages: Python • C • C++ • JavaScript • R

Frameworks & libraries: TensorFlow • PyTorch • Keras • Numpy • Pandas • Matplotlib • Plotly • OpenCV
• Flask • FastAPI • PyTest • AioHTTP

Databases: Extensive experience with MS SQL Server, PostgreSQL etc • NoSQL experience with MongoDB

Tools: Git • Docker • AWS EC2, S3, CloudWatch • Azure Blob Storage, ADX etc • \LaTeX

Education

St. Xavier's College

Kolkata, WB

Masters in Computer Science (MSc) – University of Calcutta – 3.98 GPA

2018–2020

Coursework: Data Structures/Algorithms, Artificial Intelligence, Database Management Systems, etc.

Activities: Voyager Consulting, Debate Society of Berkeley, Computer Science Mentors, Daily Californian, UPE

Asutosh College

Kolkata, WB

Bachelors in Computer Science (BSc) – University of Calcutta – 3.98 GPA

2014–2018

Coursework: Data Structures/Algorithms, Computer Architecture, Computer Graphics, etc.

Experience

Spiritzone

Navi Mumbai, MH

Consultant - Data Engineering

Dec 2021–Present

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s,

- **Product Search API**

Python, Numpy, Pandas, Flask, Uvicorn, Pytest

- It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout.

- **Order Assignment System**

Python, Numpy, Pandas, FastAPI, Scikit-Learn

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- **Order ETA API**

Python, Numpy, Pandas, FastAPI, Scikit-Learn

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Quosphere Infosolutions Pvt. Ltd.

Navi Mumbai, MH

Junior Data Scientist

July 2020–Nov 2021

Est ipsam totam cumque neque autem laudantium consequatur et. Voluptas sint et provident eos fugit distinctio. Quos laborum error sint enim nihil consequatur. Blanditiis illo impedit quam ab saepe et assumenda quod

- **Product Recommender System**

Python, Numpy, Pandas, Flask, Uvicorn, Pytest

- It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout.

- **Marker Basket Analysis**

Python, Apriori Algorithm, FPGrowth algorithm, Numpy, FastAPI, Pytest

- Rapidly test and iterate in an agile workflow, using Java/Typescript and AWS services (CDK/SQS/Lambda)

- **Data Ingestion Pipeline**

Python, Apriori Algorithm, FPGrowth algorithm, Numpy, FastAPI, Pytest

- Rapidly test and iterate in an agile workflow, using Java/Typescript and AWS services (CDK/SQS/Lambda)

Projects

Spiritzone product Recommender System

Dec 2019–Apr 2021

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression

Spiritzone Search API

Dec 2019–Apr 2021

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression

RestDF

Dec 2019–Apr 2021

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
 - Published article detailing the relationship between political affiliation and COVID-19 via multiple regression
-  github.com/Mukhopadhyay/restdf

Certifications

Machine Learning - Stanford University

Dec 2019–Apr 2021

Course instructor: Prof. Andrew Ng • **Platform:** Coursera

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression

Data Science Math Skills - Duke University

Dec 2019–Apr 2021

Course instructors: Prof. Daniel Egger • Prof. Paul Bendich • **Platform:** Coursera

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression