

PRONAY BISWAS

West Bengal-700124

+91 9734440868

pronaybiswas@protonmail.com

<https://qubiit.github.io>

SUMMARY

Highly motivated, self-starting programmer seeking an internship to launch a career in software development.

PROJECTS

1. **REFLECTOR:** An E2E financial analytics tool for all listed Indian stocks. Links [1,2,3,4,5](#).
 - Developed ETL (extract, transform, load) processes to integrate data from NSE and BSE into a centralized data warehouse.
 - Built data pipelines that automate the flow of data between systems and ensure data quality and consistency.
 - Implemented data architectures that support the efficient storage, retrieval and analysis of large volumes of time series.
 - Designed several dashboards to visualize data analysis with charts and tables.

STACK: HTML, CSS, HTMX, Python, Numpy, Pandas, Scipy, Django, Requests, Plotly, Lightweight-charts-python, Postgresql, Sqlalchemy, Ta-lib, Duckdb, Apache Arrow, Apache Spark & several django extensions.

2. **PAPERCLIP:** A django based *CRUD* application to manage the inventory of **The Village Cafe & Restaurant**.

STACK: HTML, Tailwindcss, Django, Sqlite.

SKILLS

- **Theory:** Data Structure and Algorithms, Database Management Systems, Operating Systems, Computer Networking, Object Oriented Programming, Probability, Statistics.
- **Programming Languages:** C, Python, SQL, MATLAB.
- **Database:** Sqlite, Postgresql, Hadoop Data Formats.
- **Others:** Cloud Computing, Unix Ecosystem, Git Ecosystem, Scikit-Learn, Docker, Apache Superset, Dash & Plotly.

EDUCATION

- Secondary – WBBSE – 2015 – 87%
- Higher Secondary – WBCHSE – 2017 – 62%

ONLINE CERTIFICATION

- [Fundamentals of Scalable Data Science by IBM \(2021, Aug\).](#)
- [Neural Networks and Deep Learning by DeepLearning.AI \(2021, Oct\).](#)