Abhishek Sharma

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Date of Birth: 1st Nov' 98
Residence: Kolkata, WB

Data scientist with **2 years of experienc**e & a **Masters in Applied AI** | I'm passionate about building **end-to-end machine learning systems** and using **analytics to generate value** for stakeholders | Comfortable working in an **agile environment** and across **multiple domains** | Enjoy the challenge of **constantly learning**

Experience

StatsPerform
AI APPRENTICE

Remote (company based in Chicago, Illinois)
September 2022-March 2023

- Started & developed the **AI monitoring project**, an automated generalised framework to periodically **calculate evaluation metrics** for **probabilistic model predictions**, **flag anomalies**, and **analyse trends**, ultimately **saving developers' time & company's cost**.
- Learned **AWS** based applications like **Redshift**, **DynamoDB**, **Lambda**, and **SQS** from scratch and built a functioning pipeline using the same.

360 Scouting BV
DATA SCIENTIST (FREELANCE)

Remote (company based in Groningen, Netherlands)
June 2021-June 2022

- Was part of a small **data science/engineering** team, involved with building a **machine learning system** to evaluate player actions using a **contextual probabilistic approach**, and **creating ranked shortlists** which were sold to a **Champions League** football club **(**one of the **most popular football clubs in Europe).**
- Created **data visualisations in Python** for internal stakeholders to **analyze model performance** across **varying levels of granularity**.

Total Football Analysis
ANALYST

Remote (company based in Berlare, Belgium)
January 2019-August 2019

- Wrote weekly analyses - match reports, player & team profiles - for the website (full list of **18 publications** here) & monthly issues for their industry-leading magazine on 3 occasions.

Freelance Projects for Individual Clients
DATA ANALYST/CONSULTANT

- Worked with analysts from **Villarreal CF** (one of the biggest football clubs in the world) to prepare pre-match **data reports** for the first team manager, **create dashboards** for the academy coaches, **& set up data infrastructures locally** to ingest data from APIs.
- Created data visualizations & graphics (primarily in matplotlib) for **three books** - **Chelsea: Europe's Next Powerhouse**, **Anatomy of a Genius**, & **Lionesses: Gamechangers**.

Skills

Programming	**Python**, R, Julia
Cloud	**AWS (RedShift, DynamoDB, Lambda)**
Databases	**SQL (PostgreSQL)**, NoSQL (MongoDB)
Relevant Frameworks	**Keras**, **Tensorflow**, **Numpy**, **Pandas**, **Matplotlib**
Business Intelligence	Tableau, **MS Office suite**
Other	HTML/CSS/JS, **Plotly**, **Git**, **Bash**, **Heroku**
Coursework Completed	**Algorithms**, **Data Structures**, **OOP**, **Probability & Discrete Mathematics**, Data Science Statistics, **Machine Learning**, Time Series Analysis, A/B Testing

*emboldened indicate skills with more experience

Education

Vijaybhoomi University
M.S. in Data Science & Artificial Intelligence

Karjat, Maharashtra
Sep 2020 – Sep 2022

8.13 CGPA \ First in class

Techno India University
BBA (Hons.)

Kolkata, West Bengal
Aug 2017 – Aug 2020

Projects

Futbolista.jl
AUTHOR | JULIA PACKAGE

- Allows to load various public datasets, create typical visualizations, & interface with advanced models for tracking data.
- Installable from the Julia package manager.

xGPlayground
CO-CREATOR | WEB APPLICATION, CONVOLUTIONAL NEURAL NETWORK EXPECTED GOALS MODEL

- Allows users to set up shooting situations & dynamically updates the predictions.
- Model served via **Tensorflow.js** & site built using vanilla HTML/CSS/JavaScript.