

Francis Parwez

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SUMMARY

Highly skilled Data Scientist with a strong academic foundation, including a Master's in Data Science with Advanced Research and a Bachelor's in Computer Science. Proficient in Predictive modeling, Machine Learning, and Web Development, with Hands-On Experience in leading tools and technologies such as Python, ReactJS, and NodeJS. Adept at collaborating on diverse projects, including fantasy football team prediction and scalable web applications for global clients. Demonstrates excellent communication skills and a passion for leveraging technology to solve complex problems.

EXPERIENCE

Divine Virtuality | MERN Stack Developer

Karachi, Pakistan | Oct 2020 - Nov 2021

- Collaborated with **Agency Comp** (US-based agency) as a **Front-End React Developer**, focusing on developing scalable and efficient interfaces.
- Contributed with **Rapid GMP** (US-based agency) working as a **MERN Stack Developer**, contributing to dynamic and user-friendly web applications.
- Partnered with a Lebanon-based client to build their product **EngiPro** as a **Backend Developer** using NodeJS & ExpressJS, ensuring a seamless user experience.
- Delivered high-quality front-end solutions for an Indian client, meeting project deadlines and implementing key features as a **MERN Stack Developer**.

PROJECTS

Fantasy Football League Dream-Team Prediction | Final Year Project (Msc Data Science)

- Built predictive models using CatBoostClassifier and LGBMRegressor, achieving 83% accuracy in fantasy football team predictions with K-Fold cross-validation (8 folds).
- Conducted EDA on EPL player data (10,000+ points) and developed custom feature ranking algorithms to optimize team selection.
- Leveraged Python libraries (Pandas, NumPy, scikit-learn, LightGBM, CatBoost) and developed workflows on Google Colab.
- Collaborated with peers and academic supervisor to present findings, highlighting the potential of machine learning in sports analytics.

SKILLS

Data Analytics :	<i>Data Preprocessing Feature Engineering Explanatory Data Analysis Predictive Modeling</i>
Python (LIBRARIES) :	<i>NumPy Pandas Keras Sklearn Matplotlib Seaborn</i>
Databases :	<i>MSSQLSERVER MongoDB MySQL PostgreSQL</i>
Web Development :	<i>HTML5 CSS3 Bootstrap TailwindCSS Ant Design JavaScript Axios ReactJS ExpressJS NodeJS ContextAPI Redux toolkit GraphQL Django Firebase Cloud Services</i>
Soft Skills :	<i>Problem Solving Documentation Time Management Teamwork Flexibility</i>

EDUCATION

University of Hertfordshire

Hatfield, Hertfordshire, UK | Jan 2022 – Feb 2024

Master of Science In Data Science With Advanced Research

Iqra University

Karachi, Pakistan | Jan 2017 – Dec 2020

Bachelor of Science In Computer Science

CERTIFICATIONS

Introduction to Data Science | UDEMY

Virtual | June 2022

Aptech Certified Computer Professional - iPro | APTECH

Karachi, Pakistan | Sept 2013 – Nov 2016