ESHAN KUMAR JAIN

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LinkedIn | GitHub

Professional Summary

I am ESHAN, a **Business Data Analyst** with **2+ years** of **fintech** experience, now pursuing an **MSc in Data Science & Analytics** at **NUI Maynooth**. Skilled in translating business needs into technical solutions, leading SDLC processes, and extracting insights through statistical analysis and machine learning. Achieved 99.57th percentile in JEE, one of the toughest exams in the world. Currently on a Stamp 2 Visa and eligible for full-time work under the 1G Graduate Scheme from September 2026.

Education

MSc in Data Science and Analytics | **Maynooth University, Ireland** (Sept 2025 - Sept 2026)

Bachelor of Technology in Computer Science and Engineering | **VNIT Nagpur, India** (2019 – 2023) | CGPA: **7.54/10**

Work Experience

Manager - Tech & Digital Business Data Analyst | HDFC Bank Ltd **(Full-time).**
July 2023 – July 2025 | Mumbai, India

- Spearheaded initiatives within **API Integration** and Customized Statements teams (approx daily volume **1.5 million Euros)** single-handedly, managing project lifecycle using **Agile, JIRA, and ServiceNow**.
- Collaborated with **50+** cross-functional stakeholders to **elicit, analyze, and validate requirements**, reducing turnaround time by **25%** through **improved requirement clarity** and **process streamlining**.
- Translated and documented **complex business requirements** into detailed technical specifications for a team of **5+** developers and architects.
- Designed and executed **SQL**-based test plans, conducted **UAT** for **multiple major releases**, ensuring accurate and **high-quality deliverables**.
- Analyzed operational data to identify patterns, enabling data-driven decision-making and strategic insights.
- Optimized and standardized workflows across **3+ business units** to enhance efficiency and implement process improvements.
- Orchestrated all EPFO (Employees' Provident Fund Organisation) development projects, managing deliverables and timelines for government-facing portals, ensuring **100% regulatory compliance.**

Skills

Programming: **Python**, **SQL**, **R**, **C++**, **MongoDB**
Tools: **JIRA, ServiceNow, Linux, GitHub**
Business Analysis: **Requirements Gathering and Elicitation, Process Analysis and optimization, Solution Design, UAT and test Planning, SDLC, Change Management**
Data Science: **Machine Learning, Statistical Analysis, Data Analytics, Data Visualization, Bayesian modeling, Spatial Databases.**

Projects

- **Multi-Class Skin Disease Classification** | Python (Numpy, Pandas, Scikit-learn)

Developed a computer-aided system for multi-class skin disease classification using convolutional neural networks (CNNs).
 Combined and augmented multiple datasets covering 23 skin conditions to ensure balanced and diverse training samples.
Implemented an adaptive image segmentation pipeline and an ensemble model integrating MobileNetV2 and ShuffleNet, achieving a 93.2% testing accuracy.
 The project demonstrates a robust, automated solution for early and accurate skin disease identification.

- **Tour de France analytical report |** R

This R-based analysis examines Tour de France historical data to uncover trends in winner profiles and stage evolution, revealing shifts in athlete characteristics and race dynamics across eras. The study highlights how performance, competitiveness, and race structure have transformed over time through data visualization and statistical exploration.

- **Predictive Modeling for Wine Classification** | Decision Trees

Developed a decision tree model using Python (scikit-learn, pandas, seaborn,matplotlib) to classify 3 wine types from the UCI Wine dataset containing 13 chemical features. Conducted exploratory data analysis and visualized feature relationships to create an interpretable and high-performance classification model.

- Other Projects: **Student Banking System** (C++), **Sorting Algorithm Visualizer** (OOPs), **Fruit Game** (Python, Prompt Engineering), **Astronomy club website** (Pull request merged in GitHub)

Achievements and Interests

- Secured **99.57** percentile in **JEE Main 2019**; **AIR 6253** in **JEE Advanced 2019**.
- Served as **Vice President** of Ashlesha Astronomy Club at VNIT Nagpur.
- **Gold Medalist** in International Mathematics & Science Olympiads (**IMO & ISO**).
- Achieved a perfect 10/10 CGPA in Class 10 and 90% in Class 12, reflecting strong analytical and foundational learning skills.
- Love exploring and travelling the world, playing soccer, and cooking delicious food.