

John Moran

Full Stack Developer | Back-End Developer | Python Developer

moranjohn95@gmail.com • +353 87 777 1436 • Tralee, Co. Kerry, Ireland

[Github](#) • [Linkedin](#) • [Portfolio](#)

Executive Summary

Software Developer with a Distinction Diploma in Full Stack Software Development, specialising in Python, Back-End Development and Predictive Analytics. Experience in building full stack web applications and machine learning solutions using Python, Django, JavaScript, SQL, PostgreSQL, Scikit-learn and Streamlit. Two years' professional experience in financial services and a Bachelor of Business, bringing strong analytical, problem solving, stakeholder communication and data management skills developed in a fast paced environment.

Technical Skills

Languages:	Python, JavaScript, HTML5, CSS3, SQL
Databases:	PostgreSQL, MySQL
Frameworks:	Django, Bootstrap, Streamlit
Libraries:	Pandas, NumPy, Scikit-learn, Plotly, Matplotlib, jQuery
Tools & Platforms:	Git, GitHub, VS Code, Jupyter Notebook, Heroku
Data & Machine Learning:	Predictive Analytics, Data Analysis, Data Visualisation

Education

May 2025 – May 2026	Distinction Diploma in Full Stack Software Development Code Institute - Dublin, Ireland
September 2017 – May 2021	Bachelor of Business (Honours), Business & Marketing Munster Technological University - Tralee, Ireland
November 2022 – March 2023	Spanish Language Studies (B1 Level) Instituto Hispánico de Murcia - Murcia, Spain

Technical Projects

- **Hotel Booking Predictive Analytics** | [GitHub](#) | [Live Demo](#) - Machine learning application predicting hotel booking cancellation risk, incorporating exploratory data analysis, feature preprocessing, model comparison and an interactive prediction dashboard. Evaluated multiple classification models and selected Gradient Boosting as the final model, achieving a test ROC-AUC of 0.808.
Tech: Python, Streamlit, Scikit-learn, Pandas, NumPy, Plotly, Matplotlib, Heroku.
- **Precision Performance PT** | [GitHub](#) | [Live Demo](#) - Full stack personal training management platform using Django and PostgreSQL, featuring role based authentication and access control for clients, trainers and owners. Developed client and trainer dashboards, workout programme management, progress tracking and support messaging.
Tech: Python, Django, PostgreSQL, JavaScript, HTML5, CSS3, Bootstrap 5, Heroku.
- **Budget Planner** | [GitHub](#) | [Live Demo](#) - Python command line budget management application with user authentication, transaction tracking, budget goal management and spending summaries. Integrated the Google Sheets API for persistent storage and retrieval of user and financial data.
Tech: Python, Google Sheets API, Pandas, Typer, bcrypt, Heroku.

- **Spanish Language Quiz** | [GitHub](#) | [Live Demo](#) - Interactive single-page JavaScript quiz application featuring multiple quiz categories, a timer, score tracking and a local leaderboard with a responsive interface.
Tech: JavaScript, HTML5, CSS3, Bootstrap 5.

Work Experience

February 2024 – January 2026

Investor Services Administrator – HedgeServ (Dublin, Ireland)

- Worked within a five-person team servicing nine investment fund clients and their investors in a fast-paced financial services environment.
- Processed subscriptions, redemptions and transfers while maintaining accurate investor records and adhering to internal procedures and compliance requirements.
- Prepared monthly and quarterly reports and used Microsoft Excel and internal systems to analyse, maintain and reconcile investor and fund data.
- Managed investor and client queries, collaborating across departments to resolve issues, meet deadlines and maintain a high standard of service.

January 2026 – Present

Caddy / Pro Shop Assistant (Tralee Golf Club)

- Delivered high-quality customer service to members and international visitors, including high-net-worth clients from diverse backgrounds.
- Developed strong communication, interpersonal and situational awareness skills by anticipating client needs and adapting to different personalities and expectations.

Additional Training

- Supervised Machine Learning: Regression and Classification (DeepLearning.AI) – Coursera (**In Progress**)
- Python for Data Science, AI & Development (IBM) – Coursera (**In Progress**)

Professional Development & Community

- Engage with the wider software development community through Python Ireland and AI Ireland networking events and technical talks
- Continue to develop new software projects and expand my portfolio.