

Position description:

Python Front End Developer

Reporting to:

Data and Systems Manager

Date:

May 2026

Location:

Flexible

The role

The Python Front End Developer designs and builds intuitive, high quality user experiences for Meridian's data driven decision support tools, with an initial focus on the outage valuation capability within DigiGEN (Digitalised Generation).

This role sits at the intersection of user experience design, front end engineering, and analytics. Its primary purpose is to translate complex analytical models, valuation logic, and constraints into interfaces that are trusted, explainable, and usable by operational teams under real world time pressure.

The role goes beyond front end delivery alone. It plays a key role in shaping how analytical insights are exposed, understood, and acted upon, applying judgement to ensure the right information is presented at the right time, with appropriate context and guardrails.

The Python Front End Developer works closely with backend developers, data scientists, and business users across Generation, Portfolio and Trading to ensure analytics products support faster, higher quality decisions and scale sustainably over time.

Position accountabilities

- Design and develop front end user experiences for analytics driven tools, ensuring complex data and valuation logic is presented clearly, intuitively, and consistently to meet user needs.
- Translate backend models, forecasts, and optimisation outputs into decision focused interfaces that support real world operational use.
- Apply strong user centred design practices to reduce cognitive load, surface key trade offs, and build trust in analytical outputs.
- Work closely with backend and data engineers to shape APIs and data structures that best support front end usability and performance.
- Exercise judgement over how analytics outputs are presented, ensuring assumptions, uncertainty, constraints and limitations are visible and well understood.
- Integrate and validate varied user needs and challenges across different use cases, working towards creating a clear, practical, and fit-for-purpose toolset.
- Ensure front end solutions are scalable, performant, well structured, and maintainable over time.
- Collaborate directly with end users to test, iterate, and improve interfaces based on real operational feedback.
- Contribute to analytics and product best practice, helping lift overall capability in decision layer analytics delivery.
- Support cross functional initiatives where front end design is critical to embedding data and evidence into business decisions.



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Knowledge, experience and skills

Essential

- Strong experience developing front end applications for data driven or analytical products.
- Proficiency in Python for building front-end or user-facing components connected to analytical models, with a broader front-end development skillset and willingness to work across multiple languages and technologies where appropriate
- Experience with UX or product design practices (e.g. journey mapping, wireframing, usability testing).
- Demonstrated ability to design and build intuitive user interfaces for complex datasets or decision workflows.
- Experience working closely with backend developers and data practitioners in a product or solution-oriented environment.
- Ability to apply sound judgement when presenting analytical outputs, ensuring clarity, transparency, and appropriate safeguards.
- Strong collaboration and communication skills, with the ability to work closely with end users and stakeholders, build trusted relationships, and partner effectively to shape and deliver practical solutions.

Desirable

- Familiarity with operational, asset intensive, or industrial environments.
- Experience developing interactive visualisations or scenario-based decision tools.
- Exposure to modern analytics platforms or data products deployed at scale.
- Understanding of decision support systems where trust, explainability, and speed are critical.
- Experience working closely with non-data or non-technical roles (e.g. operational, engineering, planning, or delivery teams), translating their needs into effective analytical or technical solutions.
- Exposure to software engineering considerations such as security, access management, or platform constraints, and an understanding of how this influences front-end design and user experience.

Candidate profile

You are a thoughtful, user focused developer with strong design instincts and analytical literacy. You are comfortable working with complex data, incomplete information, and evolving requirements, and you care deeply about how decisions are made—not just how interfaces look.

You balance speed with quality, understand the realities of operational environments, and are able to collaborate effectively, sometimes challenging long held beliefs, across technical and business disciplines to deliver meaningful outcomes.



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