

Job Title: Software Developer – Forecasting Platform (Python / React / SQL)

Contract: Permanent

Salary: £50,000–£90,000, depending on experience

Location: Remote or Hybrid (Flexible)

Cassi is one of very few companies automating principled predictions in the emerging market of forecasts. Cassi is the only company that also incorporates collective intelligence – drawing weighted insights from people and AI – to produce global benchmark winning forecasts. Cassi is unique in tying that into decision theory and strategy formulation.

We are a growing business around our forecasting and strategy platform, while pursuing R&D to keep pushing the frontier in AI forward. We are early-stage (less than a year old), moving at high tempo. We have an MVP and clients. This is the seed for building a large distributed complex prediction platform. This role is for someone who wants to sit at the centre of that build.

We're looking for an excellent Software Developer to join our startup and design and develop an advanced forecasting platform from the ground up. You'll be part of a small, focused team building an ambitious product that combines AI integration, statistical modelling, and modern UI/UX, delivered as both a SaaS platform and a closed-network deployment.

What You'll Be Doing

- Designing systems that support integrated AI features and advanced statistical analysis
- Contributing to ongoing development with a focus on performance, scalability, and user experience
- Working with our UI/UX lead to build clean, responsive interfaces and interactive dashboards
- Collaborating with domain and AI experts on probabilistic models, decision-theoretic outputs, and empowered AI agents
- Working across the full stack: Python (backend), SQL (data), and React (frontend)
- Working in the team continuously improving the Cassi Platform

Ideal Candidate

We are looking for someone who first and foremost thrives in greenfield environments, learning new approaches, and testing new ideas and tools. We think the following would be great ingredients in that candidate:

- Experienced in large distributed complex systems
- Building and deploying data driven AI platforms
- Fluent in Python, SQL, and React, with strong software engineering principles (2+ years experience)
- Passionate about statistics, forecasting, probabilities, or decision theory - you don't need a PhD, but you should get excited about these topics
- Familiar with secure deployment in both cloud and air-gapped environments
- An enthusiastic work ethic and flexibility – they will need to thrive in a start up culture

Why Join Us?

This is a chance to build something meaningful from scratch - a platform where every design decision matters, and your technical insight will help shape the future of decision-making tools. Is that you? Apply now or miss out!