

Full Stack Developer Job Description



About Gambit

Established in 2005, Gambit Research develops automated tools to facilitate high-speed trading on sports betting markets. On behalf of our clients, we devise and implement strategies to exploit market inefficiencies, then run them on our high-frequency execution platform. Our system is always trading, and we need to maintain a reliable, low latency service and adapt it to the evolving needs of the company and our clients.

When you join us, you'll find that we have a very flat hierarchy, and that we place an emphasis on employee freedom. You'll be encouraged to work on projects that you find interesting, as we believe people are happiest and most productive when they're intellectually stimulated. You don't need to be interested in sports betting.

You'll be encouraged to maintain a good work-life balance, and will benefit from flexible working hours, quarterly bonuses, private healthcare, private pension contributions, part-funded sabbaticals after five years of service, excellent holiday allowances, office chef multiple times per week serving healthy lunches, regular employee outings, opportunities to attend conferences in the UK and abroad, extensive and expanding technical library, height-adjustable desks, the ability to build your own PC, get a mechanical keyboard, and get up to 4 monitors.

We're very proud of the open, intelligent, and collaborative culture at Gambit, and are always looking to expanding our development team. You'll join our team of exceptional individuals, to pool your diverse experiences, enhance our existing systems, and build new products. So, if you have a deep understanding of computers, an interest in problem solving, want to join a company with a stimulating and development focussed culture, and have a proven ability to learn new skills, then we'd love to hear from you.

Purpose of the Role

As a Gambit Python Developer in the Tools team, you'll write code which helps the company discover and fix problems with the betting platform, and that helps us provide tools for spotting long-term patterns. The team works on a mixture of new feature implementation and maintenance tasks.

Skills and Competencies

You'll have:

- An in-depth knowledge of either Python and/or Javascript, and a willingness to pick up the other one if required
- Knowledge of JavaScript and React, or an interest in learning these
- Problem solving skills, and the tenacity to resolve technical problems that you might not have seen before
- The ability to communicate well with others from a variety of backgrounds, and build strong, healthy, professional relationships
- An interest in learning new skills and technologies
- The ability to work collaboratively and productively in a team
- Openness to hear the technical suggestions of others, and find constructive solutions when these disagree with your own ideas

The following would also be good to have:

- A working knowledge of HTTP and websockets
- Experience developing with Linux, including the use of shell utilities such as grep, sed, find
- Knowledge of Internet technologies and protocols
- An understanding of concurrency problems and solutions
- Have used Docker, Kubernetes and Gitlab CI

Qualifications and Experience

- An excellent academic record, ideally a 2.1 (or higher) Bachelor's degree, in a relevant subject - or equivalent experience
- Previous experience of programming a significant commercial or open source project in Python (or JS) (please provide code or specific examples of what you've done if possible). A GitHub address would be very helpful