



VIEWPOINT | INVESTMENT
PARTNERS

FULL STACK DEVELOPER

Does the thought of watching code you wrote trade millions of dollars across global financial markets fill you with nervous excitement? Are you envisioning the interactive dashboards you would build to monitor strategy performance? Have you looked at the high fees and mediocre returns in your mutual fund holdings and thought, "I could do better for people?"

If so, we want to add your talent and passion to ours. Our in-house software team is responsible for developing the automated systems that enable us to build, deploy, and monitor quantitative investment strategies across global markets, and we're growing!

WHAT YOU'LL WORK ON

We are breaking new ground in the investment management industry, and no two days are the same. You will have opportunities to work on projects such as:

- End-to-end systems to ingest, process, and visualize financial data and market insights in a cloud native web environment
- Beautiful charts and visualizations for communicating strategy performance and portfolio construction to clients
- Our platform to communicate original research via interactive, data-driven whitepapers
- Real time and batch services which support and automate the trading of diverse baskets of financial assets and derivatives in Canada, US, Japan, Europe, etc.

We embrace a cloud native service-oriented architecture, managing cross-platform services with a mantra of "choose the right tool for the job." Our core stack includes C#, .NET Core, python, SQL Server, MongoDB, Docker, and Azure.

ABOUT US

We are a boutique investment management firm located in Calgary, Alberta. We believe we have a sacred oath to act as stewards of our clients' capital, whether they are a private client, an institution, or our own mothers. We uphold that oath through first principles quantitative research, melding economic theory and sound statistical reasoning with the latest advancements in software engineering.

We are employee and family owned and operated, and we eat our own dogfood. We manage \$350M of assets, and our biggest clients are also our own founding partners: Viewpoint Group, a single-family office based in Calgary.

CORE RESPONSIBILITIES

- Develop and consume RESTful APIs in ASP.NET Core and FastAPI
- Build charts, tables, and other interactive components in Angular to communicate our portfolio performance and market views to internal and external clients
- Write background data processing services in python to process market data and populate MongoDB collections
- Maintain commitment to unit testing, code reviews, CI/CD, and other best practices
- Provide feedback and design suggestions to senior developers

RECOMMENDED QUALIFICATIONS

- Two+ years of professional development experience with notable experience in back-end systems
- Proven experience with RESTful API frameworks, object-relation managers (ORMs), and single page applications such as React, Angular, or Vue.js
- Undergraduate degree in computer science, software engineering, or related discipline
- Knowledge of learn modern C# and/or python
- Comfort working in cloud-based environments
- Strong interest in portfolio management and finance

The following would be considered assets:

- Previous experience in algorithmic optimization and portfolio management
- CFA Charterholder, or enrolled in CFA program
- Completion of Canadian Securities Course, or other CSI courses

We recognize that everyone's background is different. These are recommendations, so if you've got what it takes, don't let one or two missing points dissuade you from applying.

OUR VALUES AND CULTURE

- We believe in a culture of empowerment; you will have direction and autonomy in your work and a consistent feedback cycle of support
- We invest for the long term, in markets and in our people; you won't be a commodity, and in exchange we ask for conscientiousness in your work
- We believe great problem solving takes time and multiple iterations
- We are self-starters who share a high level of trust with each other; we don't micromanage, and we encourage contribution and alternate perspectives from all teammates
- Our passion for financial markets is rivalled only by our passion for working with incredible people
- We require a high level of ethical standards from ourselves and our partners

OUR INTERVIEW PROCESS

1. Basic coding proficiency check (20-30 minutes, waived on referrals)
2. First round interview: experience and role fit (60 minutes)
3. Take home design project (3-4 hours)
4. Technical Interview (75 minutes)
5. Final Interview with CEO/COO (30 minutes)

OTHER DETAILS

- Compensation package will reflect candidate's experience and skillset

Please submit your resume with a brief cover letter to
Ben Reeves via email at breeves@viewpointgroup.ca.
