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# Software Engineer, Backend

Apply

📍 New York, New York, United States; San Francisco, California, United States

Opto is engineering the future of private markets to improve client outcomes and drive capital to the most transformative ideas.

The opportunity is huge. The global alternative investments industry was worth an estimated \$16.8T at the end of 2023, but is forecast to grow to \$29.2T by 2029. But the private investment process typically remains opaque, highly manual, and error-prone, which limits access to the select few insiders who are willing to bear the pain.

Opto is a revolutionary end-to-end solution for wealth managers of any size - from small investment advisors to large multi-family offices to private banks - to build, fundraise for, and manage private markets programs at scale. We combine exceptional Silicon Valley engineering talent with experienced investors and industry specialists to fix this broken system through the power of technology. Our platform banishes the nightmare of slide decks, spreadsheets, and paperwork to the past, and arms our clients with the tools, data, and guidance to identify and access the right opportunities for their clients.

Fixing private markets will not be easy and demands courage, but we're not afraid to do things differently. We are unapologetically bold. We value strong opinions, clear communication, and purposeful execution.

Up for the challenge? Come join us.

## The Role

Software Engineers at Opto are tasked with the challenge of turning complex business problems into elegant and pragmatic engineering solutions. We are context-driven, customer- and stakeholder-empathetic builders of tools and systems. We are end-to-end owners of engineering problems and solutions who constantly challenge one another to evolve as builders and collaborators. Oh, and we have fun along the way, because otherwise, what's the point?

Check out our blog to learn more about our tech culture [here](#).

Our tech stack consists of a series of React-based Next.js Typescript applications hosted in Vercel. Behind that a collection of Aurora-backed Python REST API services are hosted as containerized applications in AWS. We make use of AWS Lambda for asynchronous tasks and we rely on Snowflake for data ingestion and warehousing. Our service deployments are completely automated and execute

multiple times daily. Our tech stack continues to evolve, driven by our shared principles of optimizing for modularity, scalability, and team-level service ownership.

## Expectations

- Be accountable for the delivery of high quality software projects in coordination with teammates and stakeholders on mutually agreed upon timelines
- Seek context and rapidly iterate on solutions to eliminate ambiguity and drive projects forward
- Participate actively in all phases of product development across specification, implementation, QA testing, deployment, and operations
- Foster a culture of collaboration by actively engaging in discussions, documentation, and code review
- Participate actively in engineering recruiting (interviewing, problem specification, role ownership, etc)
- Raise your hand when you need help - don't hesitate to reach out to stakeholders (product, teammates, managers, etc) to unblock your progress

## Qualifications

- 4-year technical degree (or equivalent work experience)
- 0-2+ years software development experience
- Experience building scalable distributed systems
- Experience interfacing with financial technology APIs and data providers
- Experience designing and building REST APIs
- Experience with domain and data modeling
- Experience with the software development lifecycle (CI/CD, Git, etc)
- Experience with cloud computing architectures and tooling - particularly AWS
- Experience using AI / LLMs for data extraction, data interrogation, and document generation
- Demonstrated background / interest in investment management
- Comfort with ambiguity and the ability to execute in a fast-paced startup environment
- Excellent communication skills and grace under pressure

## How to Apply

Please fill out the below fields, and attach a Resume and Cover Letter. Why a Cover Letter? We receive a high volume of applicants, and we have real humans that read each and every resume, we encourage you to use creativity in your Cover Letter and speak directly to why you want to join our team!

We will review your resume in as timely a manner as we are able to, so kindly refrain from reaching out to hiring managers or other Opto team members via email or linkedin, as this won't improve or fast track your application.

## Compensation and Benefits

Opto has a high bar for talent, and we are committed to building the best teams possible. Candidates are never subjected to discrimination based on race, citizenship, religion, ethnicity, gender or gender identity, sex, pregnancy, national origin, age, sensory, mental, or physical disability, or any other characteristic.

The successful candidate for this role can expect a generous compensation and benefits package. The cash salary range for this role is \$125,000-\$245,000 dependent on skills, experience and expected contribution.

All full time employees at Opto enjoy:

- Significant equity
- Health, dental, and vision insurance
- Unlimited PTO
- Retirement savings plan (401k)
- Learning, Fitness and Commuter stipends
- Paid Holidays

This position is based primarily onsite in either our San Francisco or New York City offices.

## Apply for this job

\* indicates a required field

First Name \*

Last Name \*

Email \*

Phone \*

Resume/CV \*

Attach

Dropbox

Google Drive

Enter manually

Accepted file types: pdf, doc, docx, txt, rtf

Cover Letter \*

Attach

Dropbox

Google Drive

Enter manually

Accepted file types: pdf, doc, docx, txt, rtf

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## Education

School

Select...



Degree

Select...



Discipline

Select...



Start date year

[Add another](#)

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Please link your Github profile \*

Do you, now or in the future, require visa sponsorship for employment in the US? \*

Select...



Do you live in (or have willingness to relocate to) the New York City or San Fransisco areas and are you willing to work primarily onsite at one of these office locations? \*

Select...



Current location (City, State)? \*

Submit application

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