

Contact

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Top Skills

API Development

Git

Python (Programming Language)

Miles Higbie

Senior Software Engineer

New York City Metropolitan Area

Experience

Venmo

Senior Software Engineer

June 2025 - Present (5 months)

New York City Metropolitan Area

MoneyLion

Software Engineer

February 2022 - June 2025 (3 years 5 months)

New York City Metropolitan Area

- Languages Used: Python, Scala, and Typescript
- Developed and deployed cache inclusion services, reducing roll-out time to production for new partners by 91% (from one hour to five minutes). Achieved this by designing an API service and implementing a cache system, replacing the inefficient PR/review/deploy process for each inclusion
- Spearheaded the SPARK initiative as Lead Engineer, architecting a scalable and dynamic polymorphic integration to support diverse product types and business verticals, driving cross-functional efficiency and product adaptability
- Built and maintained over 50 bespoke API integrations with partner banks using a Scala-based codebase, while also designing and optimizing Demand Revenue Reporting Lambdas in Python. Delivered functionality through custom Lambda functions for S3, Impact Radius, and direct-partner APIs
- Owned end-to-end management of the Savings vertical as the sole engineer, leading maintenance, strategic refactoring, and feature development. Scaled the product suite from Savings to Checking and CDs, enabling seamless integration for major financial partners
- Authored detailed documentation empowering teams with comprehensive guides. Resulted in faster onboarding times and improved developer efficiency for new hires.
- Directed the HELOC strategic initiative as lead engineer, coordinating cross-repository feature development critical to business operations. Leveraged expertise in Scala, TypeScript, React, and Python to build full stack integrations, implement compliance updates on the frontend, establish demand revenue contracts, and enhance API specifications for better native adoption

- Integrated DataDog's SDK for real-time alerting and actionable monitoring, enabling rapid incident response by embedding alerts into Slack channels. This streamlined communication and reduced incident resolution times significantly

mParticle

1 year 9 months

Team Lead - Technical Services Engineering

August 2021 - February 2022 (7 months)

New York City Metropolitan Area

- Oversee the day-to-day operations of the Technical Services Engineering team including mentorship, oversight, coaching, and training/onboarding to 9 team members
- Rebuilt team structure and communications by fostering a culture of transparency and accountability from the Senior Leadership level leading to improved efficiency and morale
- Point person for all escalations requiring advanced understanding of the native product and internal system hierarchy
- Creating PRs to address bugs and improve aspects of the UI, SDK, and forwarder code

SDK and Data Services Engineer

June 2020 - August 2021 (1 year 3 months)

New York, New York, United States

- Actively used JS, Kotlin, Java, Git, and SQL in day-to-day. Also used tools such as Datadog and Sumo to diagnose and triage integrations
- Swiftly learned new languages and integrations to support 6 SDKs (JS, iOS, Android, Roku, Python, Ruby) and 50+ integrations including Google, Facebook, and AWS. Maintained internal technical training documents and developed internal tools to resolve operational burden and improved efficiency for the team
- Collaborated with Customer Success, Solutions and Product daily to support client engineering teams as they integrate and use mParticle's SDKs and APIs
- Work with various external partner engineering teams at Branch, Braze, Kochava etc. to help clients integrate partner SDKs alongside mParticle

Flatiron School

Software Engineering Student

January 2020 - April 2020 (4 months)

Greater New York City Area

- 15 Week Intensive – Full Stack Web Development
- Studied a variety of web development languages, frameworks, and libraries in-depth, including JavaScript, React, Redux, Ruby, Rails, Rack, Sinatra, SQL, ActiveRecord, Git, HTML, Component Pattern, MVC pattern, ORMs, and CSS
- Collaborated on teams to develop a variety of web-based applications including:

YourNews - GitHub Frontend | GitHub Backend | Demo

A web app that allows you to aggregate the news that matters to you by source, country, and custom keyword

- React/Redux implemented for frontend user interface and state management
- Utilized JSON Web Tokens and localStorage to store encrypted user information client-side.
- Designed application responsive layout with Material UI. Custom CSS/HTML for styling.
- Built backend RESTful APIs service with Ruby on Rails framework, Postgresql for database management.

Boardgame-Connect

A web app where users are able to find one another through ownership of the same board game and play with each other over integrated Zoom calls.

- Produced Zoom ID's for users and rooms that gives the ability to create a room and launch a joinable Zoom call for every member in attendance
- Designed and Implemented the home page utilizing localStorage for display of data specific to the logged in user
- Implemented user interface employing React with Material UI and CSS Grid for styling.

Painting with Picasso

A web app for users to create, save, and browse their paintings and favorite other user's paintings

- Built the backend as a Rails API and created a Postgres DB to allow for data to persist and the ability to render on the front end via fetch in Javascript

- Created the front-end in Javascript to dynamically render newly created/ removed/favorited paintings without refresh
- Utilized SVG to allow users to create paintings, storing the data as a string attribute on a User class in a Rails backend

DojoMojo

Account Manager

February 2019 - December 2019 (11 months)

Greater New York City Area

- Consulted with the dev team on user needs, platform bugs, and new features to improve overall UX resulting in a retention rate over 85%
- Converted 100+ trial accounts to paying clients by providing tools, resources, and techniques that increased the clients' revenue and audience
- Maintained a sales quota fulfillment exceeding 115% quarter over quarter resulting in \$75,000+ in revenue from maximum monthly contract values of only \$499
- One of two chosen to lead DojoMojo's Media Market initiative which required the understanding of 1:1 media purchasing relationships/strategy and subsequent explanation and training to prospective brands and DojoMojo team members

Macrobond Financial

1 year 9 months

Account Manager Americas

January 2018 - February 2019 (1 year 2 months)

Greater New York City Area

- Provided technical product demos and training sessions with non-technical department heads leading to new client relationships
- Quickly developed an advanced proficiency with the firm's complex economic analysis platform

Internal Sales Americas

June 2017 - January 2018 (8 months)

Greater New York City Area

- Performed extensive cold calling and networking to establish connections with prospects and fortify existing client relationships.
- Developed and continually refined knowledge of economic and financial markets in order to answer customer questions and develop creative ways of meeting customer needs within the scope of existing product offerings.

FXCM

1 year 10 months

Senior Financial Services Representative

September 2016 - June 2017 (10 months)

Greater New York City Area

- Generated internal reports on existing and new leads by utilizing Salesforce, in-house services, CRM systems and client behavior on the firm's proprietary trading platform that improved revenue and increased trading activity
- Trained interns on understanding, articulating, and demonstrating the features and benefits of FXCM's products
- Brought in over \$1M in capital investments from existing clients and new leads over the course of 15 months

Financial Services Representative

September 2015 - September 2016 (1 year 1 month)

Greater New York City Area

- Skillfully probed for, listened to and understood client needs to provide resources and solutions to improve the clients' trading experience and results
- Made an impact by providing the Financial Services management team with feedback and suggestions that will be used to improve our sales, service and operational processes

TCR Inc

Marketing Communications Specialist Intern

October 2014 - March 2015 (6 months)

New Brunswick, New Jersey

October 2014 - March 2015

- Implemented Google Analytics and used it on a daily basis to find trends by looking at demographics, location, and real-time traffic to optimize outreach.
- Assisted in the process of the website redesign. Designed effective strategies to achieve communications goals.
- Scoped out various projects and communications outlines for marketing initiatives.

Ruffalocody LLC

Professional Fundraiser

July 2014 - August 2014 (2 months)

New Brunswick, New Jersey

Education

Rutgers, The State University of New Jersey-New Brunswick
Bachelor's degree, Economics · (2012 - 2015)

University of Colorado Boulder
· (2011 - 2012)