Alexander Garcia

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I am a senior software engineer with a strong full stack and backend development background currently working in the finance industry. I am seeking to continue my career in a role which offers learning and leadership opportunities, and allows me to directly contribute to the company's growth. I work best in collaborative teams, and am driven by making significant user impact.

SKILLS AND BUZZWORDS

Languages: C#, Javascript/Typescript, Perl, Python, Scala, SQL
Frameworks: Behave, Django, Flask, Jest, NestJS, Node.js, Swagger, SQLAlchemy, TypeORM, Vue.js
Technology: AWS, Databricks, Docker, Git, Heroku, Jenkins, Kafka, Kibana, OpenTracing, Postgres, Redis, Snowflake, Spark

WORK EXPERIENCE

CAPITAL ONE | SENIOR SOFTWARE ENGINEER   New York, NY | January 2024 - Present

- Quickly design and stand up Flask API to manage loading customer data into Snowflake
- Enhance customer data registration backend to support Apache Iceberg storage format

DOTDASH MEREDITH | SENIOR SOFTWARE ENGINEER I   New York, NY | August 2021 - December 2023

- Consistently achieved the highest performance review ratings across all review cycles
- **CMS Core Framework:** Design shared features and centralize common usage patterns across the DDM publishing platform
    - Led development of an efficient auditing solution for the publishing platform, introducing a class decorator and NestJS interceptor for simplified integration and automated event publishing to Kafka
    - Integrated multiple external systems to deliver updated, more editor-friendly, video publishing process
    - Design and develop threaded feedback system intended to be used by editors across multiple publishing platform applications
- **Greenhouse Workflow:** Develop a new, more integrated editorial workflow management tool
    - Managed team of junior engineers focused on the workflow API, and serve as a learning resource for a temporary front end team
    - Developed Vue workflow component library to make other DDM publishing applications workflow aware
    - Lead team discussions around API design and developed majority of the back end functionality
    - Design updated pipeline for adding "review stamps" to published articles after going through expert review workflows

FACTSET RESEARCH SYSTEMS INC. | SOFTWARE ENGINEER III   New York, NY | July 2019 - August 2021

- Rated in the top 5% of employees, earning the highest performance rating possible after showing initiateive to understand and contribute to new projects quickly after joining
- **Concordance:** Expose FactSet's Concordance engine [1] to clients through multiple entry points
    - Built major end to end features of the client facing Concordance site
    - Lead creation and testing of Concordance integration with Snowflake
    - Developed asynchronous data export pipeline using Redis and Python's `rq` library
    - Added Lightstep opentracing support to API code for better debugging and performance analysis
- **Cornerstone:** Maintain legacy, but critical, scheduling and calculation engine used for client data delivery
    - Responded to client inquiries and critical issues as part of a weekly on call rotation
    - Prototyped, then implemented a Kafka based job triggering pipeline to improve resilience and easy recovery of critical workflow scheduler infrastructure

EDUCATION

Rensselaer Polytechnic Institute   Troy, NY | May 2019
BS COMPUTER AND SYSTEMS ENGINEERING

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[1] https://go.factset.com/global-asset-manager-unifies-disparate-esg-provider-data-with-factset-concordance-and-data-management-solutions-case-study