

Alexander Garcia

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I am a senior full stack engineer with a strong API design background currently working in the digital publishing industry. I am seeking to continue my full stack career in a role which offers learning 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.

TECHNICAL SKILLS

Languages: Python, Typescript/Javascript, C#, Perl, SQL

Frameworks: Vue.js, Node.js, Jest, NestJS, LangChain, Django, Flask, Swagger, SQLAlchemy, TypeORM

Technology: Kafka, Postgres, Redis, Kibana, Lightstep, Docker, AWS, Jenkins, Heroku, Git

WORK EXPERIENCE

DOTDASH MEREDITH | SENIOR SOFTWARE ENGINEER I

New York, NY | August 2021 - Present

- Consistently achieved the highest performance review ratings across all review cycles to date
- **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 initiative 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

FACTSET RESEARCH SYSTEMS INC. | SOFTWARE ENGINEERING INTERN

Norwalk, CT | Summer 2018

Transformed a legacy report parsing application into a standalone Rest API service written in C++, and built Vue SPA to display user-friendly report data

EDUCATION

Rensselaer Polytechnic Institute

BS COMPUTER AND SYSTEMS ENGINEERING

Troy, NY | May 2019

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