

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, C#, C++, Perl, SQL

Frameworks: Vue/Vue3, Node, Jest, NestJS, LangChain, Django, Flask, Swagger

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

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:** Lead development efforts on creating reusable bits of functionality to be shared across the publishing platform, both net new features and moving existing features out of the core CMS code
 - Design and develop threaded feedback system intended to be used by editors across multiple publishing platform applications
 - Integrated 3 external systems to deliver updated, more editor-friendly, video publishing process
- Greenhouse Workflow:** Contribute heavily to both front and back end of new, more integrated editorial workflow management system, built using Typescript with Vue 3 and NestJS.
 - 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 Dotdash 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:** Exposed FactSet's Concordance engine as a service¹ accessible through multiple entry points, including via Snowflake external functions
 - Built major end to end features of the client facing Concordance site
 - Lead my team's effort in creating and testing 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:** Enhanced and maintained a job scheduling and processing system built on C# and Perl that runs thousands of client workflows daily.
 - 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

Troy, NY | May 2019

BS COMPUTER AND SYSTEMS ENGINEERING

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