




# CRISTHIAN SORIA


## LEAD FULL STACK SOFTWARE ENGINEER

### CONTACT

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 163 Gilmore Blvd  
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### EDUCATION

BE: Computer Engineering

**The City College Of New York**

2011-2015

### SKILLS

#### Expert:

Javascript, Typescript, React, NodeJs, AWS, Serverless Architecture, Git, SQL, NoSQL, GraphQL, Apollo, Cloud Formation, Terraform, Docker, CircleCI, Jenkins, MaterialUI, ChakraUI, Microservices, Monorepos, System Design, Web Services, Netlify, Vercel, NextJs

#### Advanced:

Java, Scala, Python, Play, SpringBoot, Cats, Functional Programming, fp-ts, Kubernetes, Mariner, Localstack, Databricks, Datadog, Snowflake.

#### Familiar:

Swift, Go, Google Cloud, Groovy, Firebase

### SOFT SKILLS

Leadership, Problem Solving, Delegation, Decision-making, Documentation, Prioritization, Teamwork, Open Mindedness, Accountability, Mentorship

### TOOLS

Jira, Confluence, Wiki, Notion, ClickUp, Figma, LucidChart, Mural

### LANGUAGES

English 

Spanish 

### PROFILE

I'm a Full-Stack Software engineer with 7+ years of hands-on experience in all levels of back-end, and front-end development, system architecture, design, and all levels of testing, including performance, integration, and user acceptance testing. I'm an achiever who enjoys taking on new challenges and learning new things. I'm a quick learner and a self-starter, able to work independently or collaboratively with a team in person or remotely. My professional communication skills allow me to interact and collaborate effectively with colleagues, stakeholders, and customers. I'm highly organized with solid time management skills.

### WORK EXPERIENCE

#### Lead Full Stack Software Engineer

Disney Streaming Services

2021 - Present

- Lead the **unification of systems for Disney+, ESPN, and Hulu** that handle offers, packages, bundles, pay-per-view events, premier content access, and exclusive content based on location while developing a **Node.js** platform for new engineers to learn functional programming with the **fp-ts** library and utilizing **GraphQL** to facilitate seamless communication with other systems. Utilized **SQS** and **DLQs** for asynchronous migration of data from **On-Prem and Cloud Hulu Data** to test offers in various environments and regions, prioritizing scalability and reliability to handle high traffic volumes during major events such as the Super Bowl. Continuously optimize system performance and reliability to provide an optimal user experience.
- Lead and oversee a team of engineers in maintaining and developing **secure, scalable, and highly available services and APIs** using **Scala, Python, NodeJs**, and **AWS** to support the unification of customer service systems and tools for Disney+, ESPN, and Hulu following its acquisition. Collaborate closely with Hulu stakeholders and business users to understand and address different data models and functions, successfully implementing a unified solution that achieves cost savings and sets a standard pattern for the organization. Proactively identify areas for service improvement and prioritize the development of new features and enhancements while ensuring system security, scalability, and availability to meet the needs of millions of customers worldwide.
- Developed a solution to retrieve old data unavailable to the new Disney Streaming Transaction systems by backfilling it from a **delta lake**. Ensured data integrity by designing a fault-tolerant solution, avoiding data loss or duplication. Utilized **Databricks Jobs** to retrieve billions of records and save them to **S3 Buckets**, followed by creating **Python AWS Lambda** functions to concurrently pick up the data from S3, save them to **DynamoDB**, and delete the processed records. Utilizing these serverless technologies made the solution cost-effective and efficient in processing large amounts of data.
- Collaborated with cross-functional teams at Disney to deprecate a legacy system (RODEO) that used old on-prem resources. Successfully executed a complex data migration plan and implemented a new **cloud-based** system that provided increased flexibility, scalability, and security. This enabled the team to take advantage of new technologies and features unavailable in the old system.
- Actively participate in professional development by attending industry conferences such as **AWS Reinvent**, staying up-to-date with the latest AWS developments, and networking with professionals in the field. Bring back new ideas and insights to improve the team's AWS infrastructure and solutions, leveraging new techniques and technologies to drive innovation and enhance performance.

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### EXPERTISE

- Highly skilled in AWS resources and serverless architecture, proficient in designing and implementing scalable, fault-tolerant, and cost-effective solutions using AWS Lambda, API Gateway, DynamoDB, S3, SQS, Route53, Elastic Search, Aurora, ECS, EC2, CloudWatch, Cloud Formation, Cloud Front, SNS, and other resources.
- Expertise in ReactJs, NextJs, MaterialUI, and ChakraUI frameworks and libraries, with a focus on building responsive and user-friendly web applications. Proficient in designing custom components and dynamic views, and skilled in integrating with backend technologies to create seamless and performant applications that enhance user experience.
- Expertise in ExpressJs, Java, Scala, and Python for developing highly scalable and robust backend services. Proficient in creating RESTful APIs and microservices, and skilled in database modeling and optimization. Experienced in implementing security and authentication measures such as OAuth2 and JWT, and in integrating with cloud-based services. Adept in using testing frameworks like Mocha, Jest, and JUnit to ensure code quality and maintainability.

### WORK EXPERIENCE

#### Full Stack Software Engineer

##### Disney Streaming Services

2019 - 2021

- Built and maintained a full-stack application that allowed Internal Operations Agents to create and manage products, offers, promotions, and other offerings for Disney+ and ESPN using **Java**, **React**, and **AWS**.
- Created a backend application (Paywall) using **Java**, **SpringBoot**, and **AWS** that the Disney+ app called to determine what products and promotions a subscriber can buy based on their current location.
- Collaborated with stakeholders and UX designers to create an innovative and user-friendly customer service application with **React**, and **MaterialUI** for global Disney+ and ESPN agents, optimizing their ability to quickly and efficiently resolve subscriber issues.
- Leveraged the power of **Scala's** functional programming and concurrency features to design and construct a highly scalable and efficient microservices backend capable of handling large volumes of requests. The robust architecture enabled seamless integration with other systems, providing greater flexibility and access to customer data which powered the Customer Service App.

#### Software Engineer

##### BNY Mellon

2015 - 2019

- Created and maintained an internal portal using **Angular** to track electronic messages containing live transactions, banking, and stock market details. The portal allowed for automated tracking and alerting of transaction changes, providing an efficient monitoring solution. It also allowed for the safe manipulation of sensitive information using a custom permissions system.
- Developed an **API gateway** system that served as the company's central communication hub, enabling seamless data transfer between teams with different tech stacks and legacy systems. Implementing this system improved the company's agility, flexibility, and scalability and fostered a more collaborative and efficient work environment.
- Created an application using **Java**, **SpringBoot**, and a **BPMN** framework called Activiti, that utilized **Optical Character Recognition (OCR)** to automate manual tasks on transactions sent through fax machines. The application increased productivity and accuracy by streamlining manual functions while reducing the time and resources needed to complete them, resulting in significant cost savings.
- Created an automated testing solution using **Selenium**, **Protractor**, **ExpressJS**, and **Angular** to automate QA testing and provide a dashboard with results that QA testers can reference. This solution improved the efficiency and accuracy of the testing process and achieved more reliable test results, enabling faster release cycles and reducing the risk of bugs or issues.

#### Software Engineer Intern

##### Spotify

2014

- Played a key role in developing the Genius Lyrics feature, which provided users with access to song lyrics and fun facts. Worked collaboratively with the development team to implement the feature, leveraging various technical skills, including **NodeJs**, **Python**, and **MongoDB**.
- Conducted extensive testing and troubleshooting to identify and address issues, optimizing the feature's performance and functionality for a seamless user experience.

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## PERSONAL PROJECTS & SIDE QUESTS

### Saint Gabriel Catholic Church

Present

- As a volunteer for a local Catholic church, I led the initiative to revamp their tech stack by creating a new website using **Next.js** and **Chakra UI** to create a responsive website that adapts to different screen sizes and devices, ensuring that all users have a seamless experience.
- Implemented **Contentful**, a **headless CMS**, which allowed the pastor to edit the site's content independently, without any technical assistance, making it easy for him to keep the website up-to-date.
- Ensured the security and stability of the website by implementing best practices for web development, including code reviews, testing, and optimization for performance and SEO.
- Trained church staff on how to use the new website and content management system, providing ongoing support and maintenance to ensure the site's continued success. The result was a well-received website by the congregation and provided easy access to the church's information and events while also reflecting the church's values and mission.
- Website can be accessed at:  
<https://www.saint-gabriel-queens.org>

### Brooklyn Redemptoris Mater Catholic Seminary

Present

- Digitized all paper records of a Catholic seminary into the cloud using AWS free tier, resulting in improved accessibility and data security.
- Developed a custom web application using **ExpressJS**, **Node.js**, and **MongoDB** to help seminary administrators manage an internal headcount and keep track of the activities and progress of each seminarian.
- Established a permissions system to prevent seminarians from accessing harmful websites that could negatively impact their vocation.
- Provided training and support to seminary staff to ensure seamless adoption and maintenance of the new system.

### Personal News Site

2018 - Present

- Developed a news site using **ReactJs** and **Netlify**, integrating the **New York Times API** to fetch articles based on their number of reads. By leveraging the API's features, I was able to create a system that only displays articles that are currently popular and widely read, providing me and anyone that knows about the site with a unique and curated news experience.
- The site can be accessed at:  
<https://www.danewsthisweek.com/>