

Juan Rios

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WORK EXPERIENCE

Senior Software Engineer, C2FO **03/2022 – Present**

Go, Retool, Backstage, gRPC, Protocol Buffers, Postgres, Redis, RabbitMQ, S3, GCS

- Designed a file security REST API for funding partners in order to handle GPG key management with settings for file encryption and decryption
- Implemented datetime delivery logic for file deliveries to handle configurable options around date of delivery, time of delivery, timezone, weekends, holidays, and more
- Implemented file retention gRPC service in order to provide auditing and retention around highly sensitive files across all storage solutions
- Created a Retool dashboard to provide the operations team with better visibility on file deliveries
- Integrated team services with Backstage to improve organization of our microservices

Software Engineer II, C2FO **11/2020 – 02/2022**

Go, gRPC, Protocol Buffers, AngularJS, Postgres, Redis, RabbitMQ, S3, GCS

- Finalized file delivery gRPC service to aid in delivering files securely from any source to any target location using any language client including a user-friendly management CLI
- Improved performance of retrieving S3 CSV files and filtering them by 400% using S3 Select API
- Mentored 5 developers through the company Grow program further accelerating onboarding

Contributor/Frontend Lead, Rebuild Black Business **06/2022 – 10/2022**

Skills: Gatsbyjs, Reactjs, GraphQL, Airtable, ChakraUI, Cloudinary

- Contributed to About page, 404 page, accessibility updates, style consistency, unit tests, and E2E tests

Software Developer II, UPS **02/2020 – 10/2020**

Go, Java, Spring Boot, Angular, TypeScript, SQL, Spanner, PubSub, Google Cloud Platform

- Architected event-driven notification service in Go to improve timeliness and accuracy of alerts
- Built a Go service for handling thousands of package scan events using Pub/Sub and Spanner
- Conducted code reviews, interviewed 20 candidates, and mentored 6 total developers

Software Developer I, UPS **01/2019 – 01/2020**

Angular, TypeScript, Puppeteer, GraphQL, Java, Go, Spanner, JMeter, BigQuery

- Developed user notification UI where users can create, edit, and delete mobile/email subscription
- Refactored 50+ frontend components involving improvements to state handling, accessibility, and typings, making it easier for future developers to implement features faster

PROJECTS

go-gen - <https://github.com/juanrios/go-gen> - Go

- Developer tool to aid teams in generating Go services on Github based on user-given specs such as their project name, owner, version, description, endpoint, dependencies, health checks, and more

EDUCATION

B.S. Human-computer Interaction, New Jersey Institute of Technology