Juan Rios

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Work Experience

Software Engineer II, C2FO   11/2020 - Current
Skills: Go, Node.js, AngularJS, gRPC, Postgres, Redis, RabbitMQ, S3, GCS
- Finalized file delivery gRPC service to aid in delivering files securely from any source to any target location involving CRUD for authorization, locations, schedules and deliveries as well as a CLI to manage them
- Developed UI for PMs to configure file delivery options for funders reducing onboarding from weeks to 1 day
- Improved performance of retrieving S3 CSV files and filtering them by 400% using S3 Select API
- Added ETL support for ingesting purchase order files opening up a new revenue stream for the company
- Mentored 5 developers through the company Grow program further accelerating and improving onboarding

Software Developer II, UPS   02/2020 - 10/2020
Skills: Go, Java, Spring Boot, Angular, TypeScript, SQL, Spanner, PubSub, Google Cloud Platform
- Architected event-driven notification service with Pub/Sub, Go, and GKE to handle 1,000 messages per minute
- Designed notification building services to be more generic using a template-based strategy with Go
- Developed reports feature resulting in a potential user increase of 5,000 and savings of ~$1.3 million
- Ran stand-up meetings, conducted code reviews, interviewed 20 candidates, and mentored 6 total developers

Contributor/Frontend Lead, https://RebuildBlackBusiness.com   06/2020 - 10/2020
Skills: Gatsbyjs, Reactjs, GraphQL, Airtable, ChakraUI, Cloudinary
- Contributed to About page, 404 page, accessibility updates, style consistency, unit tests, and E2E tests

Software Developer I, UPS   01/2019 - 01/2020
Skills: Angular, TypeScript, Puppeteer, GraphQL, Java, Go, Spanner, JMeter, BigQuery
- Refactored 50+ frontend components involving improvements to state handling, accessibility, and typings, making it easier for future developers to implement features faster and wit8h more confidence
- Built a Go REST API using go-swagger, Spanner, and GKE to handle over 1K request per second from other teams
- Built a Go service for handling thousands of package scan events using Pub/Sub and inserting into Spanner
- Converted REST endpoint to GraphQL and implemented the client changes using Apollo Client as a PoC

Software Developer Co-op, UPS   09/2017 - 12/2018
Skills: Angular, TypeScript, Java, Spring Boot, MS SQL Server, SQL, Jenkins, OpenShift
- Developed user notification UI where users can create, edit, and delete mobile/email subscriptions

Undergraduate Research Intern, Carnegie Mellon University, HCII   05/2018 - 08/2018
Skills: JavaScript, Node.js, tmi.js
- Developed two open-source Twitch bots to aid HCI researchers in conducting experiments on Twitch.tv streams

Projects

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go-gen - https://github.com/juanri0s/go-gen - Go   06/2020
- Developer tool to aid teams in generating Go services on Github based on user-given specs such as their project name, owner, version, description, entrypoint, dependencies, health checks, and more

Education

B.S. Human-computer Interaction, New Jersey Institute of Technology - Magna Cum Laude - 3.84 GPA