JORDAN WHISTLER

New Bern, NC, USA

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PROFILE

Backend engineer experienced with GoLang, Ruby, and JavaScript ecosystems. Excited about composable architectures, edge compute, and the evolution of application development and deployment.

EXPERIENCE

❖ Software Engineer, Netlify
Mar 2022 — May 2024
Remote

- Built JWT-based authentication scheme for GraphQL API with role-based access for enterprise-level clients, serving content for highly visible marketing sites
- Implemented API Versioning for Netlify Connect product, including default and custom retention periods, deletion of associated artifacts, reducing database footprint by over 60% for most customers
- Implemented Redis-backed server-based API response caching for Netlify Connect APIs, reducing the number of database calls by 60-80% on origin calls
- Architected and built edge-caching of GraphQL API responses utilizing Netlify platform primitives, including cache-tags, cache-vary, cache-control and cache purge API. This reduced the need for origin calls for Netlify Connect API calls by over 80% on repeated queries
- Completed ingestion of traffic logs for API usage through Kafka-based pipeline into Clickhouse database, allowing for usage metrics and billing to be implemented on new features
- Incorporated client geo and IP metadata into Edge Function layer, allowing customers the ability to access and use this information in Netlify Edge Functions via the @netlify/edge-functions context object
- Built geo mocking implementation for Netlify CLI, allowing for testing of geo-specific features in edge functions to be tested locally by simulating locales, improving the developer experience
- Reconfigured Analytics and Logging GoLang services to use a more secure environment configuration process using encrypted secrets
- Extracted GoLang headers and created internal package, reducing code duplication and allowing for reduced likelihood of errors between edge and origin services due to header name mismatches

❖ Co-Creator, Able
Sep 2021 — Dec 2021
Remote

- Built split testing application for use with Cloudflare pages sites, implemented using AWS SDK, CDK and Cloudflare Workers
- Implemented analytics dashboard and scripted automated creation of DNS entry for analytics subdomain associated with split test metrics

SKILLS

Node.js	Ruby on Rails
HTML & CSS	GoLang
SQL	Clickhouse
JavaScript/TypeScript	MongoDB
Ruby	

EDUCATION

❖ Launch School
Apr 2020 — Dec 2021
Remote

An online school for software engineers focusing on the fundamentals of programming and problem solving approaches. Multi-year, full-stack software engineering curriculum with mastery-based learning.

❖ Ohio State University, Columbus
Sep 2002 — Jun 2005
Columbus, OH

BSBA

BSBA International Business Administration