Jordan Whistler

Software Engineer

Address	New Bern, NC USA	**Email**	jordan@jordanwhistler.info

01 PROFILE

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

02 EMPLOYMENT HISTORY

06/2023 — 05/2024

Software Engineer at Netlify
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
- Implemented real-time cache purging on data updates for Netlify Connect, allowing connected sites to update in real-time as content changes in the CMS of a client's choice
- 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
- Created monitors and alerts via Datadog to give team early warning of incidents

03/2022 — 06/2023

Associate Software Engineer at Netlify
Remote

- Developed REST APIs and implemented authentication protocols, including JWT, to securely expose data to clients, with zero post-launch bug tickets on Login with Netlify feature
- 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

03 PROJECTS

Sep 2021 — Dec 2021

Able - www.able-test.com   *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

04 EDUCATION

Apr 2020 — Dec 2021

Launch School   *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.

Sep 2002 — Jun 2005

Ohio State University, Columbus   *Columbus, OH*

BSBA

BSBA International Business Administration

05 SKILLS

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

06 EXTRA-CURRICULAR ACTIVITIES

Jan 2024 — Present

Volunteer, City of New Bern   *New Bern, NC*

Volunteer chess coach, New Bern Noble Knights. A youth group promoting improved relations between young adults and the police department via a shared love of the game of chess.

Jan 2009 — Present

US Chess Federation, Tournament Director   *New Bern, NC*

USCF Member, rated chess player. Certified tournament director.