

# Jordan Whistler



## Software Engineer

### Address

New Bern, NC  
USA

### Email

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## 01 PROFILE

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

## 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 customization 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](http://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.