

Corey Burmeister

A full stack software engineer helping music enthusiasts around the world.

Employment

Discogs

Senior Software Engineer (Portland, Oregon), January 2013 - Present

Discogs is the largest online marketplace for music on physical media, with over 59 million items for sale, supported by a cross-referenced user-contributed database containing more than 14 million releases. I help maintain an opinionated configuration of Kubernetes with a set of services and integrations that enable other engineering teams to deploy containerized applications.

Here are some of the other projects I've contributed to:

- An internal tool for tracking and responding to support requests (eventually migrating these tools to Freshdesk, then later Zendesk)
- Migrating a legacy Forum to MongoDB, then later to MySQL and Elasticsearch for full-text search and filtering/faceting capabilities
- Integrating the Discogs Marketplace with a variety of payment systems including PayPal's Express Checkout and Adyen's online payments platform
- An automated i18n process which continuously delivers up-to-date translations of our products in 9 languages from community sourced translators
- Implementing a value-added tax (VAT) collection and reporting system for the Discogs Marketplace
- An OpenID Connect certified OAuth 2.0 server providing authentication for all internal/external systems across the Discogs organization
- A federated GraphQL API as distinct microservices intended to replace the legacy REST APIs
- Using a change data capture pattern for breaking down a monolithic python application by shifting authorship of data to individual microservices using Debezium and Kafka Connect

Blackline Consulting

Software Engineer (Naperville, Illinois), March 2010 - December 2012

Blackline Consulting offers network, software, and information technology management to small and medium sized business across the Chicago metropolitan area. As a consultant I met with customers regularly in order to gather requirements and then build, iterate and maintain a wide-variety of web applications using Visual Basic .NET and Microsoft SQL hosted on Microsoft Azure.

Innova Apps

Software Engineer (St Charles, Illinois), May 2008 - March 2010

Innova Apps is building simple, creative, and cost effective websites and applications for small businesses. Here I helped build and maintain websites for a handful of clients written in C#, Ruby on Rails and PHP.

Education

Northern Illinois University

Bachelor's degree of Computer Science (DeKalb, Illinois), December 2012

Elgin Community College

Associate degree of Science (Elgin, Illinois), May 2009

References

Available upon request.