

JORDAN CHALUPKA

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chalupka.me

226-932-9223

Skills

Programming Languages and Frameworks: Nodejs, Javascript, Go, Python, Express, Django, C.

Amazon Web Services: Lambda, API Gateway, Cloudwatch, S3, CloudFront, EC2, IAM, Terraform.

Design & Methodologies: Zen of Python, the Twelve-Factor Application, Microservice Architecture.

Work Experience

Kira Talent

May 2018 - September 2018

Software Developer Intern

- Demonstrated initiative by proposing and developing a highly cost-effective spelling and grammar checker microservice using the open source project "LanguageTool" as well as AWS Lambda and API Gateway.
- Designed and developed a scalable and low-cost video conversion microservice using AWS Lambda, API Gateway, Elastic Transcoder, S3, CloudFront and the Twelve-Factor App methodology.
- Developed across the stack to add tests, as well as new features to a large Django project.

Adknown Inc.

May 2017 - January 2018

Software Engineer Intern

- Developed an automated domain registration system using Nodejs, Lambda and Step Functions.
- Created a Jira Plugin to add custom time management functionality to Jira using Nodejs and Express.
- Helped several coworkers learn Nodejs and gave a presentation to introduce the development team to AWS Lambda and Step Functions.

Personal Projects

Knock Knock Joke Twitter Bot

July 2018 - August 2018

- Uses webhooks to trigger an AWS Lambda function behind API Gateway which answers to knock-knock jokes and joke requests.
- Lambda function is written in Golang and utilizes the Twitter API.
- AWS services managed using Terraform.

Library Renewal Automator

May 2018 - June 2018

- Automates the renewal of library books using the Chromeless library.
- Runs a headless version of the Chrome browser on AWS Lambda to allow user actions to be simulated using javascript.
- AWS CloudWatch is used to schedule the Lambda to run whenever books need to be renewed.

Opposite Day

March 2018 - April 2018

- A npm module which takes an article and replaces all of the words with their opposite word in order to create an entertaining opposite version.
- Demonstrates usage of the Datamuse API, as well as modern functional javascript.

Education

Software Engineering (Co-op) at University of Guelph

September 2015 - May 2020

GPA: 3.7

Minor in Statistics