# Charles Clinton Pustejovsky III

Software Engineer passionate about providing value with programming. Uses Go, Test-Driven Development and SDLC methodologies to do this. Focus on empathy, continuing education, and skills improvement.

## EXPERIENCE

**Groundfloor**, Atlanta, GA – *Software Engineer*
JANUARY 2022 - OCTOBER 2022

+ Built testable, configurable gRPC servers and server methods following CQRS pattern

+ Built scalable, idempotent event log in DynamoDB for event driven system

+ Built scalable, modular Kafka Producer and Consumer clients along with integration tests for event handling

+ Assisted with refactor of gRPC commands to be more testable and maintainable allowing for less developer time spent writing new features

+ Set up acceptance testing for event driven system in Go with Cucumber (godog)

+ Documented TDD and BDD practices along with terms and processes for developers interacting with service

+ Coordinated with team to create  an Agile team charter; organized stories and epics for project

**KyckGlobal**, Atlanta, GA – *Software Developer*
NOVEMBER 2020 - JANUARY 2022

+ Refactored and updated Reloadable Prepaid Card payment rail to be scalable and ready for integration with version 2 of API

+ Expanded Kyckglobal's payment offerings by creating a Mastercard Service payment rail

+ Improved scalability and resiliency of the payment validation API by refactoring it into discrete modules of code. Decreased database read times by 300%

+ Improved scalability and resiliency of API by refactoring it into TypeScript

+ Performed audit of DynamoDB reads and decreased read performance by 200% or more by adding appropriate indexes

**BitPay**, Atlanta, GA – *Marketing Developer*
March 2017 - APRIL 2020

+ Reduce development time spent updating content by building a headless CMS for the marketing team.

+ Improved design and mobile layout of the website using pug templates and CSS.

+ Kept website copy up to date via git workflow.

## TECHNICAL SKILLS

**Languages**

+ Go
+ TypeScript
+ Bash

**Databases**

+ DynamoDB
+ SQL
+ MongoDB

**Tools**

+ Kafka
+ gRPC / Protobuf
+ Docker
+ Kubernetes
+ Terraform
+ Cucumber
+ Git

## PERSONAL PROJECTS

**Giles**

File watcher for multiple directories that runs and restarts multiple Go services

## EDUCATION

Bachelor of Arts (2014)

Major: History, Minor: Classics
University of Houston – Houston, TX