

# John Butler

Harlingen, Texas

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## Professional Summary

Highly driven and passionate Cloud Software Engineer and Solutions Architect focused on serverless and cloud native development using Amazon Web Services (AWS). Strong proficiencies in Full Stack Development and Cloud Computing with four AWS certifications.

## Technical Skills

Frameworks: React, Redux, NextJS, Express, Serverless Framework, Tailwind CSS

Databases: AWS DynamoDB, MongoDB, MySQL

Languages: NodeJS, JavaScript, TypeScript, Python

Containers: Docker, Kubernetes, AWS Elastic Kubernetes Service (EKS) and Elastic Container Service (ECS)

AWS: CloudFormation, EC2, S3, Lambda, VPC, API Gateway, Route 53, CloudFront, IAM

Platforms: macOS, Linux

Technologies: RESTful APIs, HTML, CSS

## Personal Skills

- Experienced Public Speaker
- Technical writing: [blog.johnbutler.dev](http://blog.johnbutler.dev)
- Logical approach to problem-solving
- Strong verbal, interpersonal, and written communication skills

## Certifications

- AWS Solutions Architect - Associate
- AWS Developer - Associate
- AWS SysOps Administrator - Associate
- AWS Cloud Practitioner

## Professional Experience

### **Harlingen Consolidated Independent School District**

**09/2017-Present**

Special Education Paraprofessional

Harlingen, Texas

- Advocated for and supported Special Education students who needed more assistance to succeed in school
- Monitored student data to implement strategies to promote student growth
- Taught Biology students one-on-one, tailoring my teaching to fit their personal learning style
- Cooperated with other teachers/paraprofessionals to understand the overall needs of a student across different disciplines

### **Member of the Religious Order of Jehovah's Witnesses**

**07/2013-07/2017**

Wallkill, New York

- Full-time volunteer in support of the Preaching Work of Jehovah's Witnesses at the United States Branch Office working in the cleaning and security departments
- Trained new volunteers on departmental procedures, standards, and techniques
- Coordinated a 10-person night security crew that secured a facility housing over 1,000 people and a printing facility

## **Project Experience**

Coffee Service (in progress)

AWS Event-Driven Microservices E-Commerce Project

- Built using NextJS and Redux for the client. AWS Amplify is used for authentication and deployment. AWS Lambda, Amazon API Gateway, and Amazon DynamoDB are used to create a serverless microservices backend. Each microservice communicates with the others using Amazon EventBridge. Payments are handled using Stripe.
- A coffee ordering app for small businesses. Users can order and purchase their orders online. The coffee shop can see purchased orders as they come in and fulfill the orders.

GitTix

Docker and Kubernetes Microservices Project

- Built using NextJS for the client. NATS streaming service is used for an event bus to communicate between microservices. Each microservice is made using Typescript, Express, Mongoose, and MongoDB as a database. Services are deployed as a Docker container. Kubernetes is used to manage each service and serve as a load balancer.
- A ticket marketplace where users can buy and sell tickets. Capstone project from Stephen Grider's Microservices with Node JS and React course

Distinctive Drafting and Designs

Business Website

- Static website built for a local business built using NextJS. Website contact form is handled using Amazon API Gateway, AWS Lambda, and AWS Simple Email Service (SES)

Crwn Clothing

E-Commerce Project

- Built using React and Redux for the client. Google Firebase and Firestore are used for authentication and database.
- Crwn Clothing is an e-commerce store and the capstone project from Zero to Mastery's Complete React Developer.

## **Education**

**Associate of Science - Biology**

**Received: 09/2012**

South Texas College

McAllen, Texas

**La Feria High School**

**Received: 05/2011**

Salutatorian

La Feria, Texas