

Brian Morrison II

Backend Developer & DevOps Professional

Contact Info

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Certifications

AWS Solutions Architect Assoc, 2019
AWS Developer Assoc, 2019
CCNA Routing & Switching, 2015

Skills

JavaScript / NodeJS / React
HTML / CSS / Bootstrap / Tailwind
C# / .NET / Web API
PowerShell
SQL Server / MySQL / DynamoDB
GitHub Actions / Azure DevOps
Jenkins / Octopus
CI / CD Pipelines
AWS / Azure
AWS SAM / Terraform
Windows & Linux Server
Docker
Kubernetes
Go / Golang
GraphQL

Testimonials

John Zei

Sr Director of IT at LeSaint Logistics

"Brian is always educating himself to become better technically and organizationally. What this means to an employer or client is that he is going to find the best solution for your need and execute successfully on time."

Dan Thul

Lead Frontend at Temeda

"Brian and I were developers at Temeda and I really enjoyed our time working together. He brought a lot of new innovation to our product that really helped push us forward quickly. Brian worked on almost all aspects of our product and not only wrote excellent code but also documented it superbly.."

Introduction

I'm a Backend Developer with over a decade experience building desktop, mobile, and web applications. I produce educational content on a regular basis for my blog & YouTube channel, and have been involved in several DevOps initiatives over the course of my career. Many of my projects in previous roles involved me building applications that improve business processes. I'm a highly motivated, self-starter that is constantly looking to improve my skills and apply them where they are needed.

Employment History & Accomplishments

Developer Educator at PlanetScale

June 2022 - Current

PlanetScale is a MySQL-compatible serverless database platform. I create educational content targeted at developers to ensure they are able to optimally use the platform. This includes creating content such as blog articles, demo videos, and ensuring the docs are always up to date. I am also involved with building and maintaining internal and externally used tooling.

- Built the first publicly available set of GitHub Actions step templates for developers to use within their GitHub Actions workflows. This involved using Docker and a series of Bash scripts that would correctly apply the right parameters when calling our APIs.
- Created the DevOps section of our documentation portal to guide users on how to best utilize the platform and available features within their pipelines.
- Worked directly with CloudFlare to create a content package demonstrating how to use our new integration with their Workers platform. This included a YouTube video, blog post, sample repository, and new article in our docs.

Lead Back End Developer at Temeda LLC

July 2019 - June 2022

Temeda is a telematics IoT Platform. As the Lead Back End Developer, I worked on various projects related to the .NET API, the Go GraphQL API, and am a key member in the architecture decision-making process. I also assisted with the AngularJS & React front end applications as needed.

- Built a GraphQL API written in Go and deployed to a docker container in Azure using ACI, App Services, and API Management. The API is used for dynamically querying data from the front end, translating GraphQL queries into optimized SQL queries for best performance.
- Optimized front end load times by creating an algorithm that calculated the number of map objects in an area and placing a point at the average long/lat to display the total object count. Work included both front end logic extensions and custom API endpoints.
- Created multiple data translator services that ingest data from IoT devices/platforms and convert data to a common object model used by our internal systems.

Software Engineer at LeSaint/TAGG Logistics

Mar 2015 - July 2019

LeSaint Logistics is a third-party logistics & warehousing provider. As a Software Engineer, I was responsible for building, implementing, and maintaining custom solutions as directed by the Senior Director of IT Services and other executives.

- Work directly with new and existing customers to assist with integrating into our Warehouse Management System API (ASP.NET Web API), often coordinating between multiple business units as needed. Build additional functionality to the API based on customer request.
- Eliminated manual, off hours patching by creating Windows Service agent deployed to all servers that coordinated with a NodeJS API to schedule patch installation & server reboot.
- Rebuilt customer login portal (originally ASP) into responsive web app using VueJS hosted in AWS using EC2, Nginx, and MongoDB. Portal allowed end users to log in to access resources, as well as IT to create and manage user accounts.