

J. TYLER HALL

Software Engineer

CONTACT

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EDUCATION

BACHELOR'S DEGREE

Software Engineering

Florida Gulf Coast University

8/12/2013- 5/6/2018

EXPERTISE

ASP.NET Core Web API

CQRS Architectural Pattern

Event Sourcing

Distributed Systems

Unit Testing (XUnit)

RabbitMQ

Entity Framework Core

SQL (Microsoft SQL Server)

Docker

Helm

CI/CD (Jenkins, GitLab, Fastlane)

Amazon Web Services

Angular 2+

Design Patterns

PowerShell

Event Modeling

Kubernetes

RELEVANT WORK EXPERIENCE

Software Engineer Intern

Flightdocs, Inc. - January 2018 - May 2018

- Refactored several key areas within the production API to reflect the Command Query Separation design pattern to reduce coupling within the codebase
- Added functionality to the existing Web API to meet new project requirements
- Added UI Elements, Business Logic, & API Service Calls to the application (mobile & web) to meet new project requirements

Software Engineer

Flightdocs, Inc. - May 2018 - December 2019

- Worked alongside a small team of developers to bring an event-sourced identity and access management application from fledgling stages to production
- Refactored all existing mobile CI/CD pipelines and built pipelines for new mobile applications
- Worked within an agile team which developed several core features for an operation scheduling platform, ultimately seeing the product through a beta period and into production

Senior Software Engineer

Flightdocs, Inc. / ATP, Inc. - December 2019 - December 2020

- Mentored several new developers on event-sourced ASP.NET Web API development, ensuring the continuation of current best practices
- Designed, implemented, and documented best practices and supporting infrastructure throughout the API
- Post-acquisition, led and developed with a small team of developers to create the first integration between a product of the new parent company (ATP) and the Flightdocs product

Senior Software Engineer / Team Lead

ATP, Inc. - December 2020 - Present

- Led a team of developers through adding quality-of-life enhancements to a CRUD-based legacy monolithic ASP.NET / .NET Framework API
- Led a team of developers through the initial development stages of a green-field application, to be integrated with the company's existing suite of products