

Dillon Stock

Agile Software Engineer with 3.5 years of industry experience building single-page, client facing Angular web applications, and REST APIs. Fluent in TypeScript (Angular & NodeJS), C# and Python. Seeking an agile work environment focused on building cloud-native, containerized applications leveraging DevOps and open-source technologies.

EXPERIENCE

Rocket Mortgage, Remote — Software Engineer

April 2020 - PRESENT

TypeScript (Angular & NodeJS)

- Fully owned major package version updates of NX, Angular and NodeJS
- Built custom RxJS operators, bundling transformation & error handling into logical groupings for easily testable observable pipelines
- Extended Angular logging library with custom logging service, injecting application state into log items; crucial for debugging and reproducing Splunk errors
- Built pipe to interpolate variables inside CMS content, replacing them with dynamic data from RESTful services, granting content authors maximum flexibility
- Built robust, generic and reusable Google Places Autocomplete component, leveraging both synchronous and asynchronous input validation
- Built RESTful API controllers to integrate with web services & built SQS client wrapper to submit to AWS queue
- Built configuration API endpoint, along with Angular's dynamic component loader to facilitate runtime configuration

C# .NET

- Integrated with mortgage rates API; modeled and transformed JSON response for web component consumption
- Implemented Author Details pages on RocketMortgage.com with .NET Razor templates

CircleCI

- Added job to CI/CD pipeline to audit web performance with Google's open-source Lighthouse CI tooling, and updated job status upon completion using GitHub's API

Urban Science, Detroit — Associate Software Engineer

August 2018 - April 2020

- Converted 12 web pages from legacy proprietary framework to RESTful .NET web API consumed by Angular frontend
- Designed reusable and abstract Redis caching pattern to improve performance of a read-heavy REST API
- Designed and implemented a new class hierarchy for MVC controllers, abstracting away 6000 lines of redundant code

EDUCATION

Michigan State University — B.S. Computer Science, 3.5/4.0 GPA

May 2015 - May 2018

- Utilized AWS SDK for Python (Boto3) to interact with and manage AWS services such as S3, Comprehend, and Transcribe
- Built Python deployment packages for AWS Lambda functions, and configured various triggers including API Gateway, CloudWatch events, and S3 file uploads

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DillonStock.com

SKILLS

Angular

NodeJS

TypeScript

Python

Git

AWS

C#

Docker

Linux

SOFTWARE/TOOLS

VS Code

Postman

GitHub

AWS Console

CircleCI

Microsoft TFS

AWARDS

Design Day Praxis Award -
Most technically
challenging Capstone
project

Dean's List - Spring 2017,
Fall 2016