Matt Caraher

Software Engineer

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Education

Penn State University — Software Engineering (MS)   📅 Jan 2024 - present

Saint Joe's University — Computer Science (BS)   📅 Sep 2018 - May 2022

Experience

JPMorgan and Chase — Software Engineer I   📅 Feb 2023 - present

`Java Spring` `AWS` `Kubernetes`

- Implemented a testing automation framework, streamlining the CI/CD pipeline and boosting efficiency for scalable applications.
- Leveraged Kubernetes for container orchestration ona daily basis, ensuring smooth deployment, scaling, and management of microservices for high-availability applications
- Strengthened backend performance by optimizing AWS integrations and refining Java-based functionality, leading to enhanced system reliability and operational efficiency
- Used Terraform to automate infrastructure provisioning and onboard new users, simplifying setup process and ensuring consistency across the system
- Supported new engineers in the SEP program through mentorship check-ins. Actively participated in hackathons and volunteered with the 'Force For Good' program, creating impactful solutions for non-profit organizations

JPMorgan and Chase — SEP Intern   📅 Jun 2023 - Aug 2023

`Java` `React`

- Engineered an intuitive web application using SQL and React, which optimized user workflows. The application continues to be utilized by internal teams.
- Collaborated with full-time engineers in an Agile environment, participating in daily meetings and working with project managers.

Featured Project

FitGen — Capstone Project

`Java Spring` `React Native` `GitHub Actions` `Heroku` `Expo`

An application that allows users to create, save, and manage workout plans on the fly. This application is made for Android and iOS only.

Skills & Toolset

Underline indicators   `Frequently Used` `Occasionally`

Languages

`Java` `CSS/SCSS` `TypeScript` `JavaScript` `HTML` `SQL` `C++` `Python`

Technologies

`Java Spring` `Azure` `AWS` `Pandas` `Keras` `Jenkins` `React` `Figma` `Kubernetes` `WordPress` `TensorFlow` `Terraform` `MongoDB` `PostgreSQL` `Express` `Shopify`