

JOHN MULCAHY

NYC Metropolitan Area

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EXPERIENCE

Clearbridge Investments - Manhattan NY

April 2024 - Current

Developer Analyst

April 2024 - Current

- Support front-office facing java based web applications utilized by the firm to manage real time investment communication and management. Iterate on feedback from users to enhance features to streamline productivity as well as integrate developing aspects of the business into these legacy applications.
- Utilized a variety of technologies (Powershell, Java, Bash) to assist in compilation and delivery of performance reporting to clients, vendors, and brokers.
- Assisted the organization in migrating their application servers and data hosting from on-prem to Azure, updating our legacy applications for the cloud and migrating our databases.

United Parcel Service (UPS) - Parsippany NJ

August 2019 - April 2024

Software Engineer II

July 2021-April 2024

- Managed a network of 40+ Java microservices and a large-scale SQL database for real-time human capital management between internal systems and Workday. Successfully expanded the application's functionality to handle domestic and international Human Capital Management (resulting in a 30% increase of daily records), a first in company history.
- Led the server migration effort of our microservice network (Openshift 3 to 4), performing necessary application upgrades, and led the monitoring/support effort post-implementation. Environment upgrade resulted in a 20% decrease in processing time for employee records.
- Continuously worked to secure the application from 50+ dependency exploits by maintaining and advocating for strong security practices.
- Led a small team to develop a full E2E test automation suite for our HCM application, utilizing Groovy Scripts and the Cucumber Java Library to create 70+ unique Workday employee profiles weekly and then validate the data in the file based integrations that feed into downstream systems. This replaced a vendor product that cost the team ~\$40k yearly.
- Closely mentored interns through their summer projects, developing new microservices and automating daily tasks for our application.

Software Engineer I

August 2019-July 2021

- Implemented critical peak-season improvements to a vendor-facing .NET web application, enhancing the efficiency of rental and lease equipment billing processes for vendors, improving engagement by 35%.
- Led the early lifecycle of an Angular/Firebase scheduling application, streamlining external interview scheduling and coordination within the company from initial business request to successful go-live.

United Parcel Service (UPS) - Wayne NJ

June 2017 - Sept 2018

IT Intern

June 2018-Sept 2018

- Developed a .NET based mobile application for employees to report damaged company property via real-time GPS locational device data.

IT Intern

June 2017-Sept 2017

- Designed a Javascript web application utilizing an AI Chatbot API to assist users with FAQs within the employee portal site.

Tech Kids Unlimited - Brooklyn NY

January 2018- May 2019

Student Counselor

- Worked with teens on autism spectrum at weekend technology workshops, exposing students to topics such as VR/AR, Graphic Design, Coding (HTML/CSS), and more

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems

Sept 2015- May 2019

Bachelor of Science, Computer Science, Digital Design Minor - Pforzheimer's Honors College

GPA 3.58

ACADEMIC/PERSONAL PROJECTS

- [FLIMRKT.COM](#) - React/Postgresql multi-tenant web application framework built for hobbyists to explore info on collectibles
- **MTAVision (Senior Thesis)**- Augmented reality application that displayed train times over subway stations (C#, Unity)
- **WeBrew**- Traveled to Aalto University in Finland and worked closely within an international team sponsored by Ericsson to develop IOT beer homebrewing device (Python, React)

OPEN SOURCE

- **OpenRCT2** - Worked to redesign and refactor UI/Menu classes, debugged and implemented bug fixes for the RollerCoaster Tycoon 2 Open Source Implementation (C++)

TECHNICAL SKILLS

Languages: Java, C#, Python, SQL, HTML, CSS, JavaScript, C, C++, Ruby

Frameworks/Libraries: .NET, Angular, Spring, Camel, Maven, Node.js, Three.js, React, Next.js, Rails

Software/Tools: Git/GitHub, Android Studio, Visual Studio, JFrog, Jenkins, SQL Server, Google Cloud Platform (GCP), Postman, SoapUI, Unity, Jira, CI/CD, Amazon Web Services (AWS), Openshift 4, Docker, Kubernetes, ActiveMQ