

Troy M. Lugar

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EXPERIENCE

Paylocity

Software Engineer, AI Assist

Oct. 2023 – Present

Remote – Schaumburg, IL

- Developing frontend components for use with AI models using React.js and ChatGPT
- Collaborating with other teams to implement AI-driven solutions across the product suite

Paylocity

Software Engineer, Video Platform

Aug. 2021 – Oct. 2023

Remote – Schaumburg, IL

- Developed a RESTful video platform API with .NET Core WebAPI, MongoDB, and AWS
- Developed a web-based video editor and player with interactive enhancements using React.js with Redux
- Developed a web-based screen and webcam recorder with Vue.js and Vuex
- Writing unit tests with XUnit and Jest, end-to-end tests with Cypress
- Continuously building and deploying to AWS and on-prem. infrastructure using TeamCity

Charles Schwab

Software Engineer III, Digital Services

Aug. 2020 – Aug. 2021

Austin, TX

- Developed a service for straight-through processing orchestration using .NET Core, SQL Server, and RabbitMQ
- Developed a RESTful API to handle estates processing workflow using .NET Core and SQL Server
- Practiced test-driven development with NUnit
- Built CI/CD pipelines with Atlassian Bamboo

Dick's Sporting Goods

Software Engineer, Loyalty

Jun. 2019 – May 2020

Pittsburgh, PA

- Developed highly available RESTful microservices using .Net Core, Entity Framework, Kotlin, and Spring Boot
- Created an Anti-Corruption Layer to help the business break away from a proprietary e-commerce system
- Reduced response times for loyalty information lookups by 75% and increased load capacity 16x
- Converted the *My Account* portion of the website to a responsive SPA using Angular 9
- Created and maintained CI/CD pipelines with Azure DevOps
- Practiced pair programming and test-driven development with XUnit

TECHNICAL SKILLS

Languages: C#, SQL, TypeScript, JavaScript, HTML5, CSS3

Technologies: .NET Core, EF Core, SQL Server, MongoDB, XUnit, NUnit, React, Angular, Redux, Vue.js, Vuex

Developer Tools: Git, Bash, Docker, Azure DevOps, TeamCity, Pivotal Cloud Foundry

EDUCATION

Washington & Jefferson College

Bachelor of Arts in Computing and Information Studies, Philosophy

Washington, PA

Graduated May 2019

- Emphasis in Big Data
- Member of Phi Sigma Tau (Philosophy Honors Society)