# Troy Lugar

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## EXPERIENCE

**Paylocity** — Oct. 2023 – Present
Senior Software Engineer, AI Assist — Remote – Schaumburg, IL

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

**Paylocity** — Aug. 2021 – Oct. 2023
Software Engineer, Video Platform — 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** — Aug. 2020 – Aug. 2021
Software Engineer III, Digital Services — 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** — Jun. 2019 – May 2020
Software Engineer, Loyalty — 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** — Graduated May 2019
Bachelor of Arts in Computing and Information Studies, Philosophy — Washington, PA

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