

TROY M. LUGAR

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EXPERIENCE

Software Engineer, Video Platform

Paylocity

Aug. 2021 – Present
Remote – Schaumburg, IL

- Developing a web-based video editor and player with interactive enhancements using React.js with Redux
- Developing a web-based screen and webcam recorder with Vue.js and Vuex

Software Engineer III, Digital Services

Charles Schwab

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

Software Engineer, My Account/Loyalty

Dick's Sporting Goods

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 by a factor of 16
- 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

Software Developer

Opal Business Solutions

May 2018 – May 2019
McMurray, PA

- Developed with .NET Core, Entity Framework, and Azure
- Wrote stored procedures for complex data transformations
- Created interactive reports with Power BI and SSRS
- Gathered requirements from clients and provided status updates

IT Intern

Ramsay Corporation

Oct. 2013 – Dec. 2016
Pittsburgh, PA

- Developed a mailing list web app using ASP.NET, MySQL, and Bootstrap
- Handled the administration of Windows and Linux servers
- Wrote SQL queries for reporting
- Deployed Amazon EC2 instances
- Tested for cross-browser compatibility and usability
- Wrote internal and end-user documentation
- Recorded screencasts for help site
- Delivered technical assistance via phone to users
- Installed servers, racks, switches, and patch panels

TECHNICAL SKILLS

Languages: C#, SQL, Javascript, Typescript, HTML5, CSS3

Frameworks: ASP.NET Core, Entity Framework Core, XUnit, NUnit, Angular, React.js, Vue.js

Developer Tools: Git, Docker, Azure DevOps, Pivotal Cloud Foundry, SQL Server, MongoDB

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)