

# JAY ECHOLS

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## EDUCATION

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### MIDDLE TENNESSEE STATE UNIVERSITY

Bachelor of Science

Major in Computer Science; Minors in Mathematics

Relevant Coursework: Data Structures & Algorithms, Software Engineering; Operating Systems; Discrete Math, C# Basics

Murfreesboro, TN

Dec 2017

### NASHVILLE SOFTWARE SCHOOL

Web Development Certification

Nashville, TN

Feb 2019 - Aug 2019

## WORK EXPERIENCE

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### CELERO COMMERCE (RazorSync Remote Team)

iOS Engineer II

Brentwood, TN

Jan 2022 – Present

- Built and shipped over 20 user-facing features in Swift, leading to a 25% boost in engagement and App Store rating
- Delivered 35+ app releases via App Store Connect, maintaining 100% approval and end-to-end development ownership
- Reduced crash rate by 10% by improving app states and memory management with diagnostic tools and Xcode
- Refactored VIPER modules into scalable, maintainable architecture, aligning with iOS best practices and platform evolution
- Collaborated cross-functionally with product and backend teams to build robust iOS experiences that scale to thousands

### NATIONAL GENERAL INSURANCE

Software Developer II

Remote

Aug 2020 – Jan 2022

- Maintained and enhanced .NET Core microservices to support real time operations across call centers (1,000+ daily requests)
- Created detailed API flows and testing plans to enable efficient testing and rapid prototyping
- Promoted code quality and reuse through service layer standardization and peer mentoring

### NASHVILLE SOFTWARE SCHOOL

Junior Instructor/Software Developer

Nashville, TN

Feb 2020 – Jan 2023

- Led instruction on modern stacks like .NET and REST APIs, achieving 98% course completion rate among adult students
- Mentored 110+ aspiring engineers to think inquisitively, build creatively, and grow into impact driven developers
- Simplified complex technical concepts for diverse audiences, earning a 95% satisfaction rating

### A O SMITH

Junior Developer

Nashville, TN

Aug 2019 – Aug 2020

- Solely developed a Training Log app for 5+ internal teams using Blazor Framework and Windows Authentication
- Improved internal portals by adding an admin page to manage quote expiration dates, streamlining workflows and ensuring accurate data handling, using Azure DevOps and TFS
- Collaborated closely with Product Owners to refine user stories and tasks, ensuring alignment with business goals and user needs

## ACTIVITIES | PROJECTS

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### 1st Place Hackathon winner - Girls in TECH

Nike x Girls in Tech

Remote

Dec 2021

- Collaborated as a Backend Engineer to design and implement database structures using Supabase and establish seamless integrations with front end

**Astro App** - Created a pocket astrology dictionary that displays Natal chart Houses, Zodiacs, Aspects and Planets

## ADDITIONAL

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**Technical Skills:** Swift, UIKit, SwiftUI, MVVM, MVC, Xcode, Memory Management, Core Data, Objective-C, CocoaTouch, CocoaPods, SPM, Git, Azure, Postman, C#, .NET, .NET Core, Visual Studio, VS Code, ReactJS, E2E, Agile