

# Sean Kelley

## Software Engineer

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## Objective

Passionate and curious software engineer eager to collaborate with others, contribute to innovative solutions, and solve complex problems. Seeking a Software Engineering role to leverage strong programming skills, cloud infrastructure knowledge, and agile experience in developing innovative applications.

## Education

**The Ohio State University** | August 2022 - May 2025 Columbus, Ohio  
**Bachelor of Science, Computer Science and Engineering** GPA: 3.52

**Northwest State Community College** | August 2020 - May 2023 Archbold, Ohio  
**Associate of Technology, Computer Applications & Systems Creative Arts** GPA: 3.51

## Work Experience

**NetJets** Columbus, Ohio  
**Associate Software Engineer** April 2025 - Present

- Developed a React flight tracking application that decreased load times by 50% and increased the usability for end users compared to a legacy application, enabling them to more easily complete their job duties.
- Collaborated in an **agile** team to iteratively deliver new features, ensuring alignment with business goals and user needs to provide value to end users.

**London Computer Systems** Cincinnati, Ohio  
**Software Developer** January 2025 - April 2025

- Developed and maintained **REST APIs** for new and existing features, enhancing customer experience and product functionality by implementing high-quality software design and adhering to best coding practices.
- Automated **testing** processes to achieve high unit test coverage, enhancing development efficiency and software reliability using modern **CI/CD pipelines**.
- Collaborated in **agile** environments, partnering with internal teams to architect and implement scalable software solutions that align with business objectives and drive value across departments.

## Projects

**IntelliJet Web Timeline - NetJets** **React, Java, AWS**

- Flight tracking application that tracks flight and crew schedules, locations and maintenance information.
- This application is used by nearly all departments, which creates many different requirements that my team has to meet in order to increase the number of users that switch to this application from a legacy application.

**Alchemy - Neudesic** **React, .NET, Azure, Cosmos DB**

- Developed an internal application at Neudesic to facilitate peer-to-peer feedback sharing.
- Contributed to a full-stack modernization effort by rewriting the application in React (migrating from Flutter) and implementing new features.
- Collaborated with an Agile team and product owner to generate ideas, refine requirements, and conduct user interviews to improve the application's usability.

**Breeze Budgeting - Personal Project** **React, .NET, SQL, Azure**

- Designed and developed the entire full-stack application, including UI, infrastructure, software architecture, and code, to enable users to securely manage and track their finances.
- Built a cloud-hosted solution using Azure, developing a React frontend with a component-based architecture, a .NET backend using Entity Framework for database interaction with SQL, and Azure AD B2C for secure authentication, ensuring scalability, performance and data security.

## Skills

**React (JavaScript & TypeScript) - .NET - HTML & CSS - Java - C - SQL - Docker - Python - Azure - AWS - Git**

## Certifications

**AWS Certified Cloud Practitioner - AZ-900: Microsoft Azure Fundamentals**