

Sean Brill

Software Engineer

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Education

Pennsylvania State University, State College, PA

Aug 2018 - May 2022

Bachelor of Science in Information Sciences and Technology

Technical Skills

- | | | | |
|---------------------------|--------------|------------------------|------------|
| ■ C# | ■ Python | ■ React, Vue & Angular | ■ Git |
| ■ .NET Framework | ■ HTML & CSS | ■ NodeJS | ■ AWS |
| ■ Java | ■ SQL | ■ React Native | ■ Azure |
| ■ Javascript & Typescript | ■ REST APIs | ■ Unity Game Engine | ■ GCP |
| | | | ■ Firebase |

Experience

Software Engineer II

Jun 2023 - Present

Seisan Consulting - Lancaster, PA

- Technical lead on an ambitious mobile application currently available on the App Store and Google Play with over 6,000 downloads, 300 DAU, and growing.
- Building and deploying highly available and scalable REST APIs hosted in AWS and Azure Cloud services. One of these APIs average around 32,000 requests per day and is still growing.
- Collaborating with project managers, stakeholders, and developers to efficiently scope tasks, delegate work, and engineer software solutions.
- Overhauling client's existing .NET applications to enhance backend services and front-end UI/UX.
- Engineering custom Unity Android plugins for native functionality and Google Sign-In using OAuth.

Software Engineer

May 2022 - Jun 2023

Seisan Consulting - Lancaster, PA

- Specializing in full-stack software engineering for .NET & NodeJS web development, mobile, and game development, including AR and VR experiences.
- Devising solutions to optimize app bundle sizes to comply with Google Play standards.
- Leading the development of an ambitious WebXR art gallery project. Oversaw the architecture of a React user interface, a Node.js backend hosted on an AWS EC2 instance, and a WebGL gallery editor/viewer hosted in S3.

Computer Science Intern

May 2021 - May 2022

Seisan Consulting - Lancaster, PA

- Gained hands-on experience with full-stack development in a fast-paced environment.
- Quickly acquiring proficiency in a multitude of different tech stacks for client applications.
- Completing assigned tasks without compromising project timelines or coding standards.
- Gained experience directly interacting with clients and presenting project updates.