Sean Brill Software Engineer II

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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

- Javascript & Typescript
- HTML & CSS
- Node.js & npm
- Webpack

- React, Vue & Angular
- React Native
- REST APIs
- SQL, NOSQL & MongoDB

- C# .NET
- Python
- Unity Engine
- AWS

- Azure
- GCP
- Firebase

Experience

Software Engineer II   *Jun 2023 - Present*

Seisan Consulting - *Lancaster, PA*

- Lead developer for multiple React with TypeScript web applications, ensuring fast, responsive, and engaging user interfaces for diverse clients.
- Led development of a web-based VR art gallery using React.js and CSS, and implemented robust backend services with node.js and express for authentication, CRUD operations, and AWS S3 file uploads. Also developed a Unity WebGL application for the gallery.
- Built and deployed scalable REST APIs using Node.js and Express on AWS and Azure Cloud services, resulting in optimized backend services.
- Revamped .NET applications to enhance backend services and improve front-end UI/UX, leveraging cloud providers for scalable resources.

Software Engineer   *May 2022 - Jun 2023*

Seisan Consulting - *Lancaster, PA*

- Specialized in full-stack development for Node.js, C#.NET, mobile, and game development, including AR/VR experiences.
- Technical lead for an ambitious React Native mobile application currently available on the App Store and Google Play.
- Gained experience with a wide range of technologies, new and old, highlighted by developing a Java console application to interface with an old IBM AS400 mainframe.

Computer Science Intern   *May 2021 - May 2022*

Seisan Consulting - *Lancaster, PA*

- Gained professional experience with HTML, CSS, Javascript, C# .NET, and full-stack web development.
- Contributed to game development projects using Unity and Unreal Engine, adhering to best practices and project timelines.
- Completing assigned tasks without compromising project timelines or coding standards.
- Interacted directly with clients, presenting project updates and ensuring alignment with project requirements and standards.

Assistant Information Officer and Developer   *Sep 2020 - Aug 2021*

StarCage - *State College, PA*

- Facilitated technical meetings and coordinated with students from multiple universities and other countries to develop a professional social network platform.
- Collaborated closely with the founder to develop the web application using HTML, CSS, JavaScript, and PHP.
- Successfully launched the platform, attracting an initial user base from Penn State, before strategically winding down the project to prioritize academic pursuits and internship opportunities.