Ethan Wells

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**EDUCATION**

**Bachelor of Science in Computer Science, College of Engineering Fall 2023**

Wichita State University, Wichita, KS

**SKILLS**

**Programming Languages:** TypeScript/ JavaScript, Python, C#

**Front-End:** React.js, Next.js, Vue.js, HTML, CSS

**Back-End:** Node.js, Express.js, Nest.js, .NET

**Database:** DynamoDB, Microsoft SQL Server, PostgreSQL

**Infrastructure:** AWS, Azure, Terraform

**Other:** Git, CI/CD, DevOps, Agile

**WORK EXPERIENCE**

**Software Engineer** July 2023 - Current

INVISTA, Wichita, KS

* Lead development on the Digital Twin innovation project within INVISTA
* Created architecture diagrams that facilitated scalable and maintainable software solutions
* Collaborated with Operators to design an application that empowers them and aids their efficiency
* Connected with Project Managers and Site Champions to plan out timelines for high priority features

**Software Engineer Intern** April 2023 – July 2023

Nuvative, Wichita, KS

* Improved unit test coverage on multiple vital microservices by 20+%
* Contributed to C# microservices designed around business domains, emphasizing clean architecture and scalable design
* Followed Atomic Design principles to construct reusable React components for UI

**Software Engineer** April 2022 – July 2023

StaffWise, Wichita, KS

* Enforcing TDD using Clean Architecture for maintainable and testable code
* Constructing and executing state-based database development in Microsoft SQL Server
* Implementing UI designs using React.js and REST API’s in Node.js
* Architecting resources and services in Microsoft Azure using Terraform
* Collaborating with a team to guarantee continuous integration and deployment

**Software Developer Intern** November 2022 – March 2023

Pillr, Wichita, KS

* Implemented UI for our endpoint management process flow in Vue.js
* Handled third party webhooks to ingest data using Python and Celery

**PROJECTS**

**Astrorpheus – Web Application**

* Designed and implemented 3D point cloud viewer using React Three Fiber
* Retrieved and served 3D point cloud models and audio files from S3
* Collaborated with a team on a strict deadline and won 1st in the NASA Spaces App Challenge in Wichita, KS

**GymArc – Mobile Application**

* Implemented UI in React Native and GraphQl API in Go