

Ethan Wells

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EDUCATION

Bachelor of Science in Computer Science, College of Engineering
Wichita State University, Wichita, KS

Fall 2023

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

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 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 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