

# Casey Townsend

Senior Software Developer, Web UI/UX

## EXPERIENCE

### Evention

Sept 2019 - Sept 2023

#### Senior UX Engineer

- Started a packaged component library using Figma, Material UI, Storybook, and Chromatic
- Hired and led UI developers who delivered the company's first React-based pilot product
- Mentored the broader development team on adopting modern UI frameworks and tools

#### UX Engineer

- Established UX research and design, front-end CI/CD, UI Review, and QA processes
- Collaborated with product management to hire and form a product design team
- Completed four MVP-scale design projects with development, product, and stakeholders

#### Developer

- Refactored gratuity calculator into Azure Service Bus architecture to improve performance
- Migrated data from a single-instance, multi-tenant database to Azure SQL elastic pools
- Decoupled monolithic web applications into Web API and Azure Functions micro-services

### Tecture

May 2017 - Sept 2019

#### Developer

- Built proof of concepts in Angular for clients seeking to jumpstart business ideas
- Participated in discovery initiatives that produced wireframes, sitemaps, and UX artifacts
- Managed resources, budgets, and timelines of agile projects scoped up to 350 hours
- Converted a custom CMS venue ticketing system into an ASP.NET Core platform
- Modernized a medical board's certification system to paperless using ASP.NET MVC

### Engineering Industries eXcellence

July 2015 - Oct 2016

#### Senior Analyst Programmer

- Performed user research with control operators to improve experiences on the plant floor
- Gathered user and technical requirements for crop protection product manufacturing
- Wrote unit tests and established test-driven development practices for existing APIs

#### IT Analyst

- Integrated various systems that automate manufacturing of commercial aircraft fuselages
- Maintained ASP.NET MVC web applications for industrial control and indication platforms
- Designed and developed web UIs that presented manufacturing execution systems data

### ArcBest Technologies (ABF Freight)

June 2014 - May 2015

#### Systems Analyst

- Improved coordination and logistics between shipping carriers with hybrid transit options
- Developed an integrated quotations system between ABF and its acquired subsidiary
- Converted .NET Remoting APIs and COBOL procedures into a WCF-based architecture

## CONTACT

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LinkedIn: [/in/caseytownsend](https://www.linkedin.com/in/caseytownsend)

## EDUCATION

### DePaul University

#### Master of Science

Human-Computer Interaction

Graduated August 2018

### Arkansas Tech University

#### Bachelor of Science

Information Systems

Graduated May 2014

## SKILLS & TOOLS

### Languages

C# / Razor

JavaScript / TypeScript

SQL / T-SQL

### Frameworks

ASP.NET Core / MVC

Next.js / Redwood (React)

Angular

### Tools

VS Code / Visual Studio

Storybook / Chromatic

GitHub / Azure DevOps

### User Experience

Design Systems

Information Architecture

Interaction Design

Lo/Mid-Fi & Code Prototyping

UX-driven Metrics & Analytics