

# Chayton Pfannenstiel

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## WORK EXPERIENCE

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### Adams Brown

May 2023 – Present

*Web Application Developer*

*Wichita, KS*

- Engineered Advanced Web Applications
  - Built advanced business applications using the following tech stack:
    - Backend: C# ASP.NET, MS SQL Server, Entity Framework, ADO.NET, Entra ID
    - Frontend:
      - ASP.NET MVC: Bootstrap, JS, Razor (server-side rendering)
      - React: Vite, Shadcn, Typescript
    - Tools: SSMS, IIS, Postman, Bootstrap Studio, Visual Studio, GitHub, VS Code
- Pioneered AI Agents
  - Deployed different chatbots and agents
    - Integrated AI into internally developed web applications to enhance user experience
    - Introduced Retrieval-Augmented Generation (RAG) Copilot Agent to improve the firm's access to critical information

*Student Worker / IT Intern*

*Wichita, KS*

- Engineered CRUD Web Applications
  - Built applications using C# and ASP.NET MVC in Visual Studio:
    - Implemented ADO.NET with SQL parameterized stored procedures and Entity Framework to securely integrate real-time data retrieval and manipulation
    - Enabled Microsoft Entra ID login for proper role-based access control
    - Used JavaScript and Ajax to enhance the responsiveness and functionality of web pages
- Developed Automations
  - Created robust automations using Visual Basic, C#, PowerShell, Power Automate and n8n:
    - Managed multiple API endpoints (GET, POST, PUT) using RestSharp and Newtonsoft to streamline code and improve performance.
    - Ensured system robustness and continuous automation by implementing effective error handling.
- Maintenance and Design
  - Maintained all in house and outsourced internal automations and programs including SharePoint intranet
  - Designed and implemented new SQL databases in accordance with business rules

### The Bradbury Group

Nov. 2022 – May 2023

*IT Helpdesk Intern*

*Moundridge, KS*

- Assisted maintenance on network infrastructure
  - Ran ethernet cabling through the facility
  - Installed new POE access points and security cameras
- Delivered Helpdesk support
  - Provided responsive technical support to all employees via tickets and MS Teams
  - Diagnosed and resolved technical issues and escalated complex problems to higher-level support.
  - Facilitated mass deployment of 100+ laptops, desktops, and cell phones throughout the company.
  - Developed a custom application to accelerate remote support service

## PERSONAL PROJECTS

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### Pfann.tech - <https://Pfann.Tech>

- Engineered and deployed a custom-built free-lance developer business website
  - Built contact form to send email alerts
    - Implemented reCAPTCHA v3 to prevent spam
  - Fully responsive to different screen sizes
  - Implemented custom domain (Squarespace) and deployed site to SmarterASP.NET hosting
  - Configured business email server using domain name
  - CSHTML, JavaScript, Bootstrap, ASP.NET, C#

### MLM Storage Solution – Private Web application

- Developed a custom web application for Melvern Lake Marina’s dry storage and slip rentals
  - Built inventory and spot management tools to track availability, assignments, and configuration changes.
  - Implemented payment logging and reporting for multiple transaction methods (cash, check, POS).
  - Created a secure embeddable widget to display real-time availability on external websites.

### Wrap It Up – Work in Progress

- Crafted a custom AI powered year in review web application
  - Custom chat agent with data extraction integration for key details throughout the year
  - Generates a 5-page year-in-review including image generation of what the user may look like
  - Next.js, Shadcn, Typescript, ASP.NET Web API, OpenAI API, Resend, MS Identity

### Pfann.techv2 - <https://pfann-dot-tech-v2.vercel.app> (WIP)

- Revamp of Pfann.Tech project
  - Next.js, Shadcn, Typescript, ASP.NET Web API, Framer Motion

### PowerApps - [mkof03.github.io/Final-Project/pages/home/](https://mkof03.github.io/Final-Project/pages/home/)

- Designed and deployed web application with many commonly used tools
  - Weather app with dynamic animated gif background
  - QR code generator
  - Password generator and strength checker with custom options
  - Stopwatch and timer with lap functionality
  - HTML, JavaScript, Bootstrap

## EDUCATION

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### Wichita State University

*Bachelor of Business Administration – Management Information Systems – Business Analytics*

*Graduation Date: **May 2025***

*Wichita, KS*

- *Magna Cum Laude – 3.85 GPA*
- *Sigma Alpha Epsilon – House Manager & Brotherhood Chair*
- *Wichita State Rocket Club – Former Outreach Chair*
- *MIS Club – Member*

### Other Skills

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*REST APIs, Postman, Bootstrap Studio, Microsoft IIS, Docker Compose, AI Agents, Ollama, Advanced Installer, MySQL, CSS,*