

Jesse Corkill

Creative problem solver, well organized, and a hard worker.

Jefferson City, MO 65101 | +1 660 815 7745 | jcorkill97@gmail.com

Authorized to work in the US for any employer

Work experience

Application Developer

Office of Administration | Jefferson City, MO

December 2023 to Present

- As a SME**

To the State of Missouri our team, the ServiceNow Portal team, is seen as a support for any development on the platform. On the regular we are asked questions about how to do certain things on the platform. I always offer a few options to people, warning them of the dangers of developing something “the fast way” and doing it the right way. I helped educate peers on how certain record types interacted and introduced them to diagnostic tools like Xplorer, Access Analyzer, and where to find logs. There are times where I have to report dangers to the platform that force the team to reevaluate their course of action. I serve as a guide and a mentor to my peers and new developers.

- As an Architect**

When a new project starts off with a Missouri agency, one of us is included in on the meeting to answer any questions about the platform and to suggest changes to plans to keep things from getting too customized. We were trained and well read on different modules of the vast ServiceNow ecosystem and would suggest that premade and purchased ServiceNow modules always get used over creating something new. I would share database diagrams that ServiceNow provided and where they didn't exist, I made them to illustrate how the platform would work in certain circumstances. For example, I've illustrated the data behind Playbooks, AI Search, and AWA to name a few.

- As a Developer**

I have explored several advanced customizations to our ServiceNow platform. I re-created the citizen homepage and our all services page myself. I've created several custom portal widgets utilizing asynchronous behavior, GlideRecord, and SASS to give them the exact behavior that we needed. Reusable classes were implemented as Script Includes to be called in other projects or other configurations within the same scope. I create utility Subflows that automate fixes to records and provide them to others on the platform. I helped design but developed alone a business process for our team to help automate some of the interactions that we must have with other development teams on the platform. The business process was a combination of a few Workflows, several Subflows, a record producer, a Custom Workspace, and a Playbook. It served to hold a development team's hand while developing to ensure that the proper governance is upheld against the project and that each developer is qualified to work on the platform, eventually leading the team to publishing their project with full documentation. I've helped configure custom Playbook activities. I've configured custom AI Search functionality. I've served custom table data via Scripted REST endpoints. I've created custom Workflow spokes to accept data from external APIs. I've created reusable flow actions to allow for other developers to make payments to my custom API connection to the NCR payment platform. Every included documentation for future devs to use when something misbehaves.

Full Stack Web Developer

Zimmer Communications | Columbia, MO

September 2020 to December 2023

- Project Lifecycle**

A project would start with a salesperson scheduling in person meeting with a potential client. The salesperson didn't know much about the technically about the sites they sold, so I would have to do the pitch to the potential client. If they chose to buy, we had a follow up meeting where I would present a suggested site map, a few designs that I would put together, any custom integrations that needed to be made, and put together a whole quote for the client to look over. I normally included a few different packages scaling from the simplest to the most complex. After the client purchased their package, I started development. We scheduled meetings where we presented progress to the client every month. For existing clients, we also put together presentations of their traffic and sales analytics. When the project was finally done, we presented the product to the client and allowed for final adjustments. By my third year we had reduced the delivery time from about 6 months down to 3 months and even possibly a month in some cases. Keep in mind that a single developer owned and managed the project. The team was made up of 2 developers and a designer.

- Server Maintenance**

The company had been using a popular service to host their sites, and it was costing the company over \$5K a year to host the number of sites that we managed. The senior developer on our team thought it would be a good idea to save the company money by renting Kubernetes servers and hosting all our sites from there via Linode, as Server rental and management service. Because of this I learned to manage servers and their backup via Linode. On the Linode servers we install ServerPilot and MySQL to manage the databases of the websites. I also configured the servers with Apache and Node to serve up our React sites and our PHP sites. The Servers were configured with keys that only the three of us in the web department had access to. I became familiar with FileZilla as a SSH client to manage files for the servers. I took these skills and still use them for the sites that I personally host for myself, family, and freelance clients.

- Custom Solutions**

While most of the sites we made were WordPress sites and used page builder plugins like Elementor, several of our projects required custom solutions to be made. For one client we had delivered to them a site, but they were unhappy with the response time on mobile, despite several normative practices like caching and minifying files. The solution that I chose to offer to them was a React JS front end and a GraphQL backend that ran against the parent WordPress site's MySQL database. I had tweaked the server's htaccess file to push mobile traffic to the mobile site. This reduced the load time of the site to nearly instantaneous.

I.T. Assistant

Wood & Huston Bank | Marshall, MO

January 2013 to July 2016

At Wood and Huston Bank, I was hired as an IT assistant to help the IT department which was just me and my supervisor. We serviced 10 different branches and each device at each branch. The work varied from assisting people remotely with VMware to access their machines and make the changes to driving to the branch and physically setting new computers or devices up on the network. We worked in a Windows environment and managed services like Active Directory, Windows Domain servers, and DHCP maintained the network and ensured that new devices and users were digitally safe and ready to work.

A lot of my work revolved around the roll out of new computers to employees. I used a local Linux server with Partimage on it to create templated windows installations that were specified to the type of user. The machine was configured for the network and prepped so that all that had to be done was to install it at the site and the user was ready to go. I occasionally was utilized to do more mundane tasks like wire up UPS battery cells.

Education

Bachelor's degree

Central Methodist University-College of Liberal Arts and Sciences

Criminal Justice (Bachelor's degree)

Central Methodist University-College of Liberal Arts and Sciences | Fayette, MO

August 2016 to December 2019

Philosophy (Bachelor's degree)

Central Methodist University-College of Liberal Arts and Sciences | Fayette, MO

August 2016 to December 2019

Skills

Laravel	Database management	Business requirements	Vue.js	Salesforce
JavaScript frameworks	System design for system development	Presentation skills		
Consulting experience	.NET Core	Virtual Private Clouds	REST	ASP
PowerShell	Customer communication	SOAP	React	Bootstrap
Software testing	UX prototyping			
Schema design	UI	E-commerce	ASP.NET	Django
Customer service				
Hash maps (data structure)	GraphQL	Software development	Math	Debugging
Cross-functional collaboration	AI	Python	Adaptability	Server virtualization
CSS				
Express.js	CI/CD	Angular	Computer Networking	API integrations
Salesforce API integration	System deployment	Responsive design	Active Directory	Windows
Interpersonal skills	APIs	MySQL	Azure AD	Scripting
Software engineering				
Team development	JavaScript	Microsoft Windows	Operating systems	Full-stack development
Microsoft Teams	DevOps	Cloud architecture diagrams	Java	Usability testing
Mechanical knowledge	Model deployment	Project management	Ubuntu	Enterprise software
Enterprise solutions implementation	Relational databases	WordPress	Databases	
Web accessibility	System Administration	Next.js	ServiceNow	MVC
Node.js				
Program management	Microsoft Exchange	HTML	Web applications	AI models
Trello				
Client communication	Software architecture	Front-end component implementation	SVN	
Figma	VPN	RESTful API	Web development	Selenium
Unit testing				
Technology security practices	C#	SQL	Middleware	Liquid
Software coding				
High availability	Microsoft Office	PHP	Front-end development	Analysis skills
Back-end development	Docker	Marketing	Arrays (data structure)	Telecommunication
RDBMS	Developer tools	MongoDB	Integration testing	Email configuration (technical support)
Git	Application development	Application deployment	Data modeling projects	Authentication
Front-end testing	Mentoring junior front-end developers	Shell Scripting	Linux	UX
Cloud networking	Solution architecture	Access control implementation	Programming languages	
Test automation	Data model design	User-facing feature development	JSON	OOP



Languages

English

Certifications and licenses

Driver's License

Publications

ASP.NET Demo

<https://github.com/jesseckill/DotNet-ASP-Example>

February 2026

This project contains a simple ASP.NET application created to demonstrate familiarity with the .NET / ASP.NET framework, including project structure, MVC patterns, and database integration.

Basecamp to-do Automation

<https://github.com/zimmercommunications/Gravity-Basecamp-fusion>

June 2023

As part of a team initiative, I spearheaded the development and implementation of the Basecamp Job Automation project, aiming to streamline the conversion of submitted forms into actionable to-do items on our team's Basecamp platform. Leveraging my programming skills, I created a robust program that efficiently detects form submissions, extracting and

reformatting the relevant information using Gravity Form's API to ensure compatibility with Basecamp's API. By implementing OAuth2 authentication, I established a secure connection, enabling the program to submit the extracted data to the appropriate Basecamp project. This automation significantly reduced the time and effort required to convert form submissions into tasks, enhancing team productivity. Through this project, I showcased my proficiency in API integration, authentication protocols, and automation techniques, highlighting my ability to optimize workflow efficiency.

Mobile Client Website

<http://mobile.teamentertainer.com>

March 2023

Resolved a client's website performance issue by enhancing mobile loading speed. Rewrote the htaccess file to optimize traffic routing towards a newly developed React web application. Implemented a custom GraphQL API to efficiently manage and retrieve content from the parent site. Leveraged React's capabilities to process and transform data, ensuring optimal presentation and user experience on mobile devices

Non-Profit Informational Site - RACS JC

<http://www.racsjc.org>

July 2022

The Rape and Abuse Crisis Service for Jefferson City was looking to re-make their website on a platform that was easier to manage, and that communicated who they were and what they offered to their community more clearly. According to the client, the old site had an awkward interface and was flooded with information that quickly drowned out any sense of who they were or what they did. A major focus of the project was to reduce clutter and unnecessary information. This can be taxing when every resource and opportunity is equally critical to a person who needs information quickly. The way we approached this issue was that we initially asked the client, in the beginning of the project, about all of their major services and resources. We presented them with a re-organization of their pages, that allowed for two or three resources to be combined into a single page of related resources with special sections for each. After we had agreed on this via a wireframe approval, we began putting together our copy request document, so that we could begin thinking about how each page would be structured.

Tone was an important factor in designing this website. I tend to opt for emotional appeal when making my non-for-profit websites. For RACSJC, I had presented a home page design that leaned into exposing the visitor to the realities of abuse. In doing so, I had presented a hero image of a distressed woman. My internal team urged me to drop the negative tones, but I insisted until the client quickly asked for a more upbeat website. After explaining my intentions, they understood, but said that they wanted the website to mainly be a source of hope for victims and not an educational site for donors. This constructive communication helped steer the design for the rest of the project.

ReactJS Showcase Site - Modern Cool Designs

<http://www.moderncooldesigns.com>

April 2022

Modern Cool Designs aimed to showcase an architect's most prized works for prospective clients to see. The client wanted it to be unlike anything he had seen before, and we were definitely able to deliver. The project was originally started and led by the team lead, but was later inherited by myself, due to our team lead taking a better job offer. The site was written in ReactJS and required learning the programming language to continue development. The developer had gotten stuck on an issue involving passing data from one component to another, so the site was not working at all. There was no documentation written for the site and commenting of the code was minimal at best. So I combed through the code to learn what each piece did and commented through each section to make sure I understood what each piece did. By the end, I had realized that some of the components were being inappropriately updated. This required a re-building of the components in the project. The project's navigation are sequential videos, hosted on an Amazon S3 server, that played when the site was loaded and each of the main page's transition animation is a video that was developed by a graphic artist at Zimmer. The major issue was having the modal pages that displayed the content load via clicks on the overlaid interface. After correcting the components to update correctly, I was able to pull the page content from the WordPress API and stylize the content with default Gutenberg styles. I also created ACF fields that allowed for photos of a property to display in an auto-scrolling gallery. I am especially proud of this project because it forced me to quickly become familiar with ReactJS.

Wedding Venue Website

<http://www.showmefarms.com>

February 2022

This website was one of my first projects where I was entrusted to start running meetings with clients. I met with the client to help guide their decision making process and solidified project goals and aesthetic for their branding. The client was looking for a site to legitimize a new business opportunity for their family. They had re-purposed their farm home and ranch to be a wedding venue in the mid-Missouri area. After discussing their goals and stylistic preferences, it was fairly clear what type of site they were looking for. I was able to use their newly developed brochure to draw from for their stylization and centered the site around custom water paint graphics that they had developed for their brochure. In the end, I understood more about the value of good questions and what a few custom graphics can bring to a web project.

Job Board Site - Midmohires

<http://www.midmohires.com>

January 2021

Midmohires was a website made for Zimmer Communications to sell job postings to local businesses in mid-Missouri. Midmohires was my first exposure to custom WordPress theme development and a standard of file architecture. While I'm getting used to MVC architecture, I'm mostly still comfortable with this way of organizing my files. This project was a joint project with my team leader. After setting out a plan of what we wanted to build, we split the work of the project into pieces. I was tasked with the header and footers of the site. This process involved getting acclimated with WordPress built in PHP functions like `wp_nav()` and `get_header()`. Getting my head wrapped around the Wordpress template hierarchy was extremely satisfying and gave me a deep appreciation for a good CMS. Besides the header and footer, I was tasked with developing a few sub-template areas. For example, the Some of our Companies section on the home page was my first time working with the WordPress Post Query Loop. The styles, animations, and custom scripts for the site were converted from a pre-built template that we selected on Envato Elements, however, the main hero was developed by our internal graphic designer.