**TECHNICAL EXPERTISE**

* **25 years** programming experience
* Full-stack developer
* React
* Javascript / Typescript
* NextJS
* NodeJS
* Microsoft.NET / ASP.NET
* Cloud (Amazon Web Services / Azure / Google Web Platform)
* DevOps (Linux and Windows Server / IIS)
* DataOps (PostgreSQL, MySQL, MSSQL, MongoDB, Redis, Dynamo, etc.)

**Please** contact me and visit <https://stevebushman.com> for a more extensive skills list.

**At** Keep Flying Studios, our goal is to use our expertise to solve your technical challenges. Let us know what issues you are facing, and we will develop a custom set of solutions for you.

**SELECTED PROFESSIONAL EXPERIENCE***Master Full-Stack Developer*

General Services Administration (GSA) (U.S. Federal Government)

## 8/2021 — present

<https://www.gsa.gov/>

Full Stack Web / Mobile Development / Javascript / Typescript / React / NodeJS / MySQL / GIT Source Control / HTML / CSS + SASS / Linux Servers / Amazon Web Services

* Updating 17 legacy government applications to current-gen technology

## Master Full-Stack Developer

## Keep Flying Games

## 5/2020 — 8/2021

<https://www.keepflyinggames.com/>

Madison, WI

Full Stack Web / Mobile Development / Javascript / Typescript / React / NodeJS / PostgreSQL / GIT Source Control / HTML / CSS + SASS / Linux Servers / Amazon Web Services / SEO / Google Analytics / Google Ads / WebGL

* Produced several critically-acclaimed projects

Principal Software Engineer and UI/UX Engineering Manager

## 

SwanLeap

1/2019 — 5/2020

<https://swanleap.com/>

Madison, WI

Full Stack Web / Development and Management / Javascript / Typescript / React / Node.js / D3.js / Data Visualization / Amazon Web Services (AWS) / AWS DynamoDB / MongoDB / AWS ElasticSearch / GIT Source Control / HTML / CSS

* Directed the User Interface and User Experience (UI/UX) department of 10+ developers.
* Built testing solutions, translation systems, architecture.
* Directed multiple projects at the same time from design to completion. Maintained and decommissioned legacy software.

Chief Technical Officer (CTO)

WhereIsCare

1/2018 — 1/2019

(website and non-profit are defunct due to lack of funding)

Madison, WI

Full Stack Web / Mobile Development / Javascript / Typescript / React / Angular / Node.js / C++ / Java / C# / ASP.net / PostgreSQL / GIT Source Control / HTML / CSS + SASS / Linux Servers / Amazon Web Services / SEO / Google Analytics / Google Ads

* WhereIsCare was a non-profit focused on helping people find homeless shelters, food pantries, and discounted health and dental resources.
* Front and back end web development, linux server administration, project modernization, team management

## 

## Senior Full-Stack Software Developer

## 5/2015 — 3/2018

## Yahara Software Madison, WI [www.vusion.net](http://www.vusion.net) / [www.wiseye.org](http://www.wiseye.org) / <https://madisoncollege.edu> / [www.yaharasoftware.com](https://www.yaharasoftware.com)

Full Stack Web / Javascript / Typescript / React / Angular / Node.js / D3.js / Data Visualization / C# / ASP.net / Microsoft SQL / PostgreSQL / GIT Source Control / HTML / CSS / Amazon Web Services / SEO / Google Analytics

* Developed data visualization software for Vusion to help manage fleets of trucks
* Modernized WisEye.org to provide election coverage
* Created a dynamic course catalog for Madison College
* Worked closely with other developers and clients to build data analysis and visualization packages
* Proposed solutions to new clients

# 

*Independent Software Contractor and Consultant*12/2014 — 5/2015

Steve Bushman Consulting

[https://eduBakery.com](https://edubakery.com)

Full Stack Web / C# / Java / Flash / ASP.net / Microsoft SQL / Mercurial Source Control / Web Sockets / HTML / CSS / Javascript / SEO / Google Analytics / Google Ads

* Converted a Java and Flash application to a modern HTML5 web app
* Business-to-Consumer marketing and advertising campaign

*Senior Software Developer*

2013 — 2014

## CUNA Mutual Madison, WI

Full Stack Web / C# / VB.net / ASP.net / Microsoft SQL / Change Management / WebSockets / HTML / CSS

* Upgrading existing and developing new ASP.net web applications for both internal and external customers
* Worked directly with business customers to provide solutions
* Provided training and encouragement to use modern technology and software engineering methodologies to improve performance, reduce defects, reduce cost, and provide a better user experience

## Senior Software Developer

## 2008 — 2013

## SuperCrosswordCreator.com & eduBakery.com

## Madison, WI

Full Stack Web / Desktop / Java / C# / ASP.NET MVC / jQuery / HTML / CSS

* Developed software to help teachers create word games for their classrooms.
* Web and desktop software solutions for both Mac OS X and Windows

## Staff Software Engineer

## 

## 2004 — 2008

## Johnson Controls

## Milwaukee, WI

Full Stack Web / Embedded / C# / C++ / ASP.NET / HTML / CSS

* ASP.NET web application, Windows desktop application, and embedded development
* Developed code inspection tools and improved software engineering practices
* Assisted in training for staff to reduce software defects

**EDUCATION**

Computer and Electrical Engineering Bachelor of Science

2004 — 2008  
Marquette University

Milwaukee, WI

**ADDITIONAL**

*Competitive Programming and Design*

Competes in Ludum Dare, a twice-yearly international 72-hour game programming competition, leads our team

*Rock Climbing*

Guides groups of climbers at Devil’s Lake. Emphasis on safety, efficiency, and technical knowledge. Strong attention to detail and coaching in a high-pressure environment where mistakes can be fatal