

# Mitchell Volk

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**Phone:** 715-896-0958

**Address:** 7620 1<sup>st</sup> Ave S  
Richfield, MN 55423

Software Developer

**LinkedIn:** linkedin.com/in/mitchell-volk

## SUMMARY

I am a focused and quick-learning software developer with 4 years of experience. I have a passion for data and leveraging my full-stack knowledge to build interactive, user-centered web applications and reporting dashboards.

## SKILLS

MS SQL / TSQL   C # .NET   Power BI   SSAS / SSIS / SSRS   Visual Studio   Automated Testing  
Vim   Git   Bash   HTML5/CSS3/SASS   JavaScript / ES6   Python   Linux (Ubuntu / CentOS)

## EXPERIENCE

### SENIOR BUSINESS INTELLIGENCE DEVELOPER

*Gillette Childrens Specialty Healthcare / St. Paul, MN / January 2017 - Present*

- Led a team of four developers to build self-serve web applications for clinical researchers
  - Captured aggregate patient data across multiple source systems
  - Allowed researchers to create complex queries without prior knowledge of SQL or DAX
- Designed and developed a DAX query builder library for web applications to access OLAP cubes and return data in a tabular format
- Built a rules engine to aggregate hospital and clinical scheduling data for use in executive dashboard reports
- Created an address cleansing web service to parse self-reported address information on patient intake forms, which reduced the amount of mail returns with bad addresses by 75%

### PROGRAMMER ANALYST

*MarketVision Consulting Group LLC / Eden Prairie, MN / March 2016 – January 2017*

- Created e-commerce sites integrated with Stripe, PayPal, and other payment APIs
- Built RESTful API integrations with shipping companies such as UPS, USPS, Canada Post, and Ship Station
- Designed an extensible API framework using Microsoft's Managed Extensibility Framework (MEF)
  - Allowed each customer the ability to offer their users multiple methods of shipping with different price points
- Engineered an algorithm for determining flat rate shipping availability for customer products based on quantity, volume, and capacity; instead of just weight
  - Reduced customer profit loss where extra shipping costs were being generated by shippers who found some products intending to be shipped, would not fit in the selected flat rate shipping option

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## EXPERIENCE (continued)

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### PROGRAMMER ANALYST

*C.H. Robinson / Eden Prairie, MN / January 2015 – March 2016*

- Designed component-based web applications that featured AngularJS and ES6 in tandem with the Flux architecture pattern
- Built RESTful web services using C#, JSON, and ServiceStack
- Built desktop applications using C#/VB.NET and SOAP based monolith services to meet the needs of users working in EDI
- Developed and maintained database tables and stored procedures
  - Included performance tuning stored procedures and using indexing to improve the efficiency of common queries
- Taught and mentored my team on how to use Git version control as they transitioned from applications that used VB6 and TFS into new web applications

### SOFTWARE DEVELOPER INTERN

*JAMF Software / Eau Claire, WI / April 2014 – December 2014*

- Developed feature enhancements for existing programs using Java, Ruby, Objective-C, and Real Basic (now called Xojo), while successfully deploying them internationally for JAMF customers
- Participated in daily Scrum meetings with my development teams
- Learned and implemented unit tests and integration tests using BDD frameworks like Cucumber
- Acted as a quality assurance tester as part of my intern development group during the alpha testing stages of development
- Experience testing against nightly software builds along with new MacOS operating system beta versions

## EDUCATION

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### B.S. KINESIOLOGY

University of Wisconsin – Eau Claire  
Eau Claire, WI / 2011

### A.A. SOFTWARE DEVELOPMENT

Chippewa Valley Technical College  
Eau Claire, WI / 2014

## PERSONAL INTERESTS

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- Learning website design in my spare time
- Experimenting with Raspberry PI
- Reviewing books for The Pragmatic Bookshelf (<https://pragprog.com/>)