

# Andrew Bach

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## SUMMARY

A dedicated and skilled Software Developer with 12+ years of experience in web and software development. Experience in full-stack development, database administration, and IT support. Proven track record in leading teams, enhancing productivity, and delivering complex technical solutions.

## Technical Expertise

- Full Stack Software Development
- Microsoft SQL Server
- Web Development
- .NET Framework
- ASP.NET MVC & RazorPages
- Entity Framework
- Project Management
- Team Leadership and Development

## EDUCATION

### Bachelor of Science: Software Development

Bellevue University, Bellevue, NE

- *Omega Nu Lambda National Honor Society*

Graduation: January 2025

Cumulative GPA: 3.86/4.0

### Associate of Applied Science: Computer Programming

Southeast Technical College, Sioux Falls, SD

- *With High Honors*

Graduation: May 2023

Cumulative GPA: 4.0/4.0

## PROFESSIONAL EXPERIENCE

### Software Developer

November 2022 - Present

#### St. Joseph's Indian School | Sioux Falls, SD

- Develop software applications using ASP.NET MVC, Razorpages, Webforms, and Winforms.
- Manage multiple databases, utilizing SQL and SSMS.
- Work as a full-stack developer, handling all facets of software engineering from architecture to deployment.
  - Created an Allowance Management system for students on campus allowing the staff to manage students' weekly allowances through a financial management system.
  - Created a Health Center and Electronic Medication Administration management system for the Health Center on campus, providing the health center the ability to manage student health information, manage medication prescriptions, ensure medication administrations on the correct dates and times, as well as other features needed within the Health Center.
- Support a call center system, including scripting complex call flows and integrations with our internal systems.
  - Completed a major refactoring of the call center resulting in 22 scripts being reduced to 6 scripts.
  - Successfully added multi-number support to the call center allowing them to try additional numbers on the donors account.
  - Built a system to determine what donors we should avoid calling based on previous success and call dispositions, resulting in a reduction of 9% in calls resulting in no-answer

## PROFESSIONAL EXPERIENCE (Cont.)

### Freelance Web Development Dell Rapids, SD

2011 - Present

- Develop and maintain websites for residents and businesses.
- Portfolio: [AndrewBachCodes.com](http://AndrewBachCodes.com)
  - Notable projects:
    - [LeadSouthDakota.org](http://LeadSouthDakota.org)
    - [AdamJonesPlumbingAndDrainCleaning.com](http://AdamJonesPlumbingAndDrainCleaning.com)
    - [TheHockeyHeadquarters.com](http://TheHockeyHeadquarters.com)

### Part-Time Sales Associate | Shift Manager | E-Commerce Developer The Hockey Headquarters | Sioux Falls, SD

July 2018 – December 2024

- Managed customer service, handling complaints and returns effectively.
- Trained and supervised staff, ensuring high productivity and addressing workplace concerns.
- Created an E-Commerce solution integrating BigCommerce with CounterPoint's Point-of-sale.

### Painter Daktronics | Sioux Falls, SD

January 2014 – November 2022

- Led the Sioux Falls Paint department, increasing product output and painting displays.

## SKILLS AND LANGUAGES

### Languages

- |        |              |         |
|--------|--------------|---------|
| • C#   | • CSS        | • T-SQL |
| • Java | • JavaScript |         |
| • Html | • PHP        |         |

### Frameworks

- |                      |                         |
|----------------------|-------------------------|
| • ASP.NET MVC        | • WinForms              |
| • ASP.NET RazorPages | • .NET CORE             |
| • BootStrap          | • Entity Framework Core |
| • WebForms           |                         |

### Database Administration

- Advanced use of T-SQL to solve problems
- Experience working with stored procedures, functions, agent jobs, as well as other aspects of SQL Server.

### E-Business and E-Commerce Solutions

- Experience consulting on and building E-Commerce Solutions

## AWARDS

### Xerox Award for Innovation and Information Technology

- Awarded in 2012 for the exceptional use of technology to solve problems in new and innovative ways by the University of Rochester High School Awards Program.