

# Ben Sauskojus

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## Skills

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Proficient: Javascript, Typescript, C#, Python, HTML, CSS, Vue, React, Git, AWS, Docker, Linux, TCP/IP

Familiar with: MySQL, Postgresql, SQL

## Education

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**Montana State University** Bozeman, MT  
Post Bachelor's classes: Machine Learning, Advanced Algorithms, and Logic 2010

**Montana State University** Bozeman, MT  
Bachelor's degree In Computer Science; GPA 3.5 2009

## Employment

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- **Zogo Finance** Remote  
Back End Engineer March 2021-Present

Zogo's primary application is an Angular SPA with a serverless NodeJS based REST backend. The application serves around 400k users. My responsibilities include:

- New Feature Implementation:
  - Design and implement new app features
  - Design and implement new database structures
  - Ensure feature compatibility with web browsers, android, iOS, and third party integrations
- Communication and documentation:
  - Discuss requirements and timelines with frontend developers
  - Write and update API documentation
  - Provide stub interfaces for frontend use
  - Communicate API changes or issues with frontend developers
- Code base improvement and maintenance:
  - Reduce coupling through out the code base
  - Organize code base into layered system with separation of concerns
  - Organize code base so that TDD and unit testing are possible
- Testing:
  - Write and execute testing strategy
  - Build and maintain automated testing framework
  - Create and maintain integration and regression tests
  - Assist frontend developers with their testing infrastructure
- Serverless Systems: Use AWS Lambda, API Gateway, and Cloudwatch.
- REST API Design: Use REST API conventions to dictate new API endpoints while improving old endpoints.

- **Tilted Windmill Escape** Bozeman, MT  
Full Stack Web Developer September 2020-March 2021

- Looking For Group - Small social platform for escape rooms
  - NodeJS GraphQL backend using CMS Strapi, and Postgresql
  - Typescript React SPA frontend

- Test driven development
- See the code at (<https://github.com/BenSaus/LFG-Strapi-Backend>)

- **Fine By Me Jewelry and others**

Full Stack Web Developer

Bozeman, MT  
2019-August 2020

- Fine By Me Jewelry (<https://finebymejewelry.com>)
  - NodeJS backend Server-side rendered
  - Integrated eCommerce (Elastipath microservice eCommerce APIs)
  - Integrated credit card processing (Square API)
- Defining the Light (<https://definingthelight.com>)
  - Gridsome site generation running on AWS Amplify
  - Serverless photo processing and watermarking with AWS Lambda
  - Integrated CMS and GraphQL API
  - Vue based SPA frontend
  - JAM stack website

- **Void Break Games**

Founder

Bozeman, MT  
2010-2018

- Unity3d engine with C#
- Design Patterns: MVC, MVP, Event Bus, Humble Object, Facade, and others
- Testing: Unit and integration testing
- Void Break: 70 level puzzle game built with lots of Linear Algebra and Trigonometry
- 5th place in Ludum Dare 40:Creativity category

- **International Gaming Technologies**

Firmware Engineer

Bozeman, MT  
January 2008 - June 2008

- Debugger: Designed and developed a networked debugging system for a major slot machine using C#
- Lua: Integrated the scripting language Lua into several systems using C++

- **Golden Helix Inc.**

Software Developer & Quality Assurance Analyst

Bozeman, MT  
August 2006 - January 2008

- Data Transformations: Large data set transformations using a C# object-oriented variant of SQL

- **Zoot Enterprises**

Quality Assurance Analyst

Bozeman, MT  
February 2004 - August 2006

- Testing Tools: Created tools to gather and display regression test data with C++
- Training: Trained majority of QA department before departure

## Other Work

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- **Volunteer Project Lead**

July 2016 - December 2017

- Lead a team of volunteers to setup an open-source relationship management system (RMS)
- Effectively communicated with a wide variety of people with a wide variety of skill sets including laypeople and one genius
- Used C#, REST, and OData to migrate data from an old RMS

- **Paid Computer Science Tutor**

June 2015

- Tutored a high school student in algorithms and general computer science

- She was awarded a scholarship and later earned a bachelor's degree in CS

## References

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Provided upon request